

Inventory Of External Quality Assessment Programs

Country/ Region	Program Name	Contact / E-mail	Address	Web Site	Affiliation	Specialties	Challenge Frequency	Participant Type/Numbers	Fee	Notes
Argentina	Programa Buenos Aires (ProgBA)	progba@cemic.edu.ar	Galvan 4102, 1431 Buenos Aires, Argentina, Phone +54 11 4546 8254, FAX + 54 11 4543 4240? 4546 1142	www.cemic.edu.ar/INVESTIG/progba.htm	Academic	Chemistry, Hematology, Immunology/Serology, Newborn Screening	Monthly	Public and private laboratories in Argentina and other parts of Latin America/ 381	Yes	Established in 1979
Argentina	Programa de Evaluacion Externa de Calidad (PEEC)	dmpeec@netverk.com.ar	Calle 6 #1344, La Plata (1900), Argentina Phone - .+54-221-4231 Fax- .+54-221-4232021	www.fba.org.ar		Clinical Chemistry, Hematology, Parasitology, Bacteriology, Serology, Urine,Coagulation, Instrumental Control, Immunology, Blood Gases, Therapeutic Drug Monitoring, Endocrinology, Tumor Markers, Newborn Screening, Mycology, HIV Viral Load.	Depending on the specialty, from monthly to twice a year.	3350 laboratories Public and private hospitals, private laboratories, manufacturer`s laboratories, high and low complexity) at national level.	Yes	Participation in International Schemes from WHO through respective specialties in Clinical Chemistry, Hematology, Parasitology and Bacteriology. Syphilis scheme from CDC. The Web site is in Spanish but translated link in English is under construction.
Australasia	Human Genetics Society of Australasia Newborn Screening Quality Assurance program (HGSA Newborn Screening QAP)	diannew@adhb.govt.nz	P.O. Box 872, Auckland, New Zealand Phone - 64 9 307 4949 x6570 Fax -64 9 307 4936			Newborn Screening		35 - Primarily Australasia, but open to international participants		Program offers a variety of analytes on participant collection cards, thus minimizing analytical variations due to paper and spot size and allowing blind testing of entire laboratory process.
Australia	National Serology Reference Laboratory Quality Assessment Program (NRL QAP)	chris@nrl.gov.au	National Serology Reference Laboratory, 4th Floor, Healy Building, 41 Victoria Parade, Fitzroy VIC 3065 Phone- (03) 9418 1111 Fax -(03) 9418 1155	www.nrl.gov.au/		Immunology - HIV, HCV, and HTLV Serology , Measles and Rubella serology , Chlamydia trachomatis Microbiology - HIV and HCV nucleic acid testing Molecular Infectious disease	2 - 3 times per year with up to 10 challenges	Australia		accredited to ISO Guide 25 and certified to the ISO9001 standards
Australia	RCPA Quality Assurance Programs Pty Limited	peter.stewart@email.cs.nsw.gov.au	207 Albion Street, Surry Hills NSW 2010, Australia - Phone- 61 2 8356.5800	www.rcpaqap.com	Professional	Chemistry- General, Tox, Endocrine, Gases, Urine, Biogenic Amines, Neonatal Bilirubin, CO-oximetry, IGF 1/C Peptide, Glycohaemoglobin, Near Patient Testing, Porphyrins, Lipids, Drugs and Antibiotics, Tumour Markers, Urine Pregnancy, Alcohol/Ammonia, Vitam	3-24 times per year, depending upon module	Varies from program to program from 20 to 600 Australia, New Zealand, International	Yes	

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Belgium	Belgian Official EKE schemes	jean-claude.libeer@iph.fgov.be	Scientific Institute of Public Health, Clin Biol Dept., J. Wytsmanstratt 14, B-1050 Brussels, Belgium Phone 322 642 55 27 Fax- 322 642 56 45	www.iph.fgov.be/ClinBiol/UK/index.htm	Government	Chemistry, Immunoassays, Immunohematology, Immunology, Virology, Microbiology, Parasitology, Flow cytometry, Sperm analysis, Allergens Hematology - Coagulation				
Bolivia	Eqas Clin Chem Bolivia	caricam@albatros.edu.uy				Chemistry				
Brazil	Citomeia Imagens	petrodis@citomeia.org.br		www.citomeia.org.br		Cytology				digital pictures sent+L23 via internet
Brazil	Eqas Brazil		Quality Control Commission, Sociedade Brasileira de Patologia Clinica, Departamento de Patologia Clinica da AMB, Rua Dois de Dezembro, 78, CEP 22220-040, Rio de Janeiro, Brazil Phone 55 21 205-3491, FAX 55 21 205-3386			Bacteriology, Chemistry, Coagulation, Hematology, Immunology, Parasitology				
Brazil	PELM: Programs of External Quality Control	controll@psinet.com.br	Rua Ana Neri, 416 Benfica, 20911-440, Rio de Janeiro - RJ, Brasil Phone - 55 21 3891.9900 Fax- 55 21 3891.9901	www.control-lab.com.br		Chemistry - General, Tox, Urine Hematology- Basic Coagulation Microbiology - Bacteriology, Mycology, Mycobacteriology Immunology, Immunohematology				
Brazil	PICQ-MM: Programs of Incentive to Quality Control	sbp@sbp.org.br	Rua Ambrosina de Macedo, 79, 04013-030, S. Paulo - SP, Brasil Phone - 55 11 5571.5298 Fax - 55 11 5572.5349	www.sbp.org.br		Anatomic Pathology	4 times per year, send 8 cases by CDROM	150	Yes	
Brazil	PNCG - National Program of Quality Control	pncq@pncq.org.br	Rua Vicente Licinio, 95 Tijuca, 20.270-902, Rio de Janeiro - RJ - Brasil Phone - .+55 21 2568 1141 Fax- .+55 21 2569 8925	www.sbac.org.br		Chemistry - Urinalysis Cytology Hormones and Liquor, Immunology, Tumor markers and Drugs, Microbiology		1900 Brazil, Paraguay	Yes	

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Canada	Canadian Immunology Quality Assessment Program (CIQAP)	Frank_Mandy@HC-SC.GC.CA	Health Canada LCDC, 0603B1Tunney's Pasture Ottawa, Ontario K1A 0L2	www.hc-sc.gc.ca/pphb-dgspsp/nlhi-lniv/index.html	Government	HIV Immunology	6 Time per year	Clinical laboratories from the Canadian HIV Trials Network (CTN)/50		
Canada	CEQAL	dseccombe@ceqal.com	307-2083 Alma St., Vancouver, BC, V6R 4N6, Canada Phone - (604) 222-1355 (Ext. 4) Fax - (604) 222-1373			Andrology Chemistry - General, Lipids (lipid reference methods) Hematology, Transfusion Medicine, Clinical Microscopy, Diagnostic Immunology, Microbiology - Bacteriology, Mycobacteriology, Mycology		500 - Canada: mandated in 4 provinces, also some US labs		
Canada	Clinical Microbiology Proficiency Testing (CMPT)	cmpt@interchange.ubc.ca	CMPT, Room 328A, 2788 Heather Street, Vancouver BC Canada V5Z 1M9 Phone - 604.875.4685 Fax - 604.875.4100 e-mail - cmptinterchange.ubc.ca	www.cmpt.ca		Microbiology - Clinical Bacteriology, Gram stain, Mycology, Parasitology, Water Bacteriology	4 send-out per year. Variable number of samples per send-out	National, some international mandated and voluntary	Yes	
Canada	College of Physicians and Surgeons of Alberta	Imelnyk@cpsa.ab.ca	900 Manulife Place 10180-101 Street, Edmonton, Alberta T5J 4P8 Phone - (780) 970-6208 Fax - (780) 420-0651	www.cpsa.ab.ca		Hematology- Basic, Coagulation, Immunoematology	6 - 12 challenges per year depending on specialty	239 (public and independent)	Yes	
Canada	DigitalPT	dseccombe@HealthMetrx.com	HealthMetrx, #307-2083 Alma St., Vancouver, BC V6R 4N6	www.digitalPT.com	Canadian External Quality Assessment Lab.	Andrology Chemistry - General, Lipids (lipid reference methods) Hematology, Transfusion Medicine, Clinical Microscopy, Diagnostic Immunology, Microbiology - Bacteriology, Mycobacteriology, Mycology				
Canada	Le Centre de toxicologie du Quebec (INSPQ)	ctq@inspq.qc.ca	Centre de toxicologie, Direction de la toxicologie humaine, INSPQ, 945 Wolfe Avenue, Sainte-Foy, GIV 5B3 Quebec, Canada Phone: 418-654-2254	www.ctq.qc.ca/		Toxicology - trace metals in blood, serum, and urine				

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Canada	QMPLS - Quality Management Program - Laboratory Services	webmaster@qmpls.org	Quality Management Program-Laboratory Services, 1510 - 250 Bloor Street East, Toronto, Ontario M4W 1E6	www.qmpls.org		Chemistry - Basic, Enzymes, Lipids, Endocrine, Tox, Maternal Serum Screening, POCT Immunology Immunohematology Microbiology - Bacteriology, Mycology, Parasitology, Virology Genetics - Molecular, Cytogenetics	2 to 4 times per year, varies by specialty and subspecialty			
Canada	Quality Assessment Program for Measures Relevant to HIV/AIDS (QASI)	Frank_Mandy@HC-SC.GC.CA	Health Canada LCDC, 0603B1Tunney's Pasture Ottawa, Ontario K1A 0L2	www.hc-sc.gc.ca/pphb-dgspsp/nlhi-lniv/index.html	Government	HIV Immunology	Twice per year	Laboratories in 46 countries/ 150		
China (People's Republic of China)	CNEQAS -Chinese National External Quality Assessment Schemes	cnccl@mx.cei.gov.cn	EQA Laboratory, National Center for Clinical Laboratory, 1Dahua Road, Dongdan,Beijing Hospital Compound,Beijing 100730,P.R.China Phone - 8610-65273025 Fax -8610-65132969	www.clinet.com.cn	Government	Chemistry - Basic, Enzymes, Lipids, Dry Chemistry, Endocrine, Caredic markers, Tumor markers, Special Protein, Neonatal Screening, Urinalysis Hematology- Basic, Coagulation, Flow Cytometry, Microbiology	2 to 3 times per year, varies by specialty and subspecialty	National, open voluntary	Yes	accredited to ISO Guide 25
China (People's Republic of China)	Eqas China		Shanghai Center for Clinical Laboratories, 3/120 Tan An Road, Shanghai 200052, China FAX 86 21 6283 0935			Bacteriology, Chemistry, Coagulation, Hematology, Immunology				
Congo, Democratic Republic	Eqas INRB Congo	INRB- Congo@MAF.org	Director, Institute de Recherche Biomedicale, Av. Des Huileries, Kinshasa, Congo Phone 00243 88 45349			Chemistry, Coagulation, Hematology, Immunology, Microbiology				
Cuba	Eqas CECMED-MINSAP Cuba	secal@cecmecmed.sld.cu	CECMED-MINSAP, Calle 23 Nol 177, Ciudad de la Habana, CP-10600, Cuba			Chemistry, Hematology				
Cuba	External Quality Assurance and Assessment Program.(EQAAP)	ccexterno@cie.sld.cu	Immunoassay Center, PO Box 11600. Calle 134 y Ave. 25, Rpto. Cubanacán, Playa, Havana, Cuba. Phone - 28-25-42 28-29-29 Ext 205 Fax 537-208-65-14			Immunology - Infectious disease, inborn metabolic disease, Immunoassays	Monthly (Quantitative assays 2 controls and Qualitative assays 8 controls)	116 - National (mandated); some international (voluntary)		Program started in 1988. Participation in some International Schemes.

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Cuba	NEQAS Cuba		National Reference Laboratory, Hnos., Ameijeiras Hospital, San Lazaro 701, Havana 3, Cuba Phone 53 7 635072, FAX 53 7 335036			Chemistry				
Czech Republic	SEKK-EQA	sekk@sekk.cz	SEKK spol. S.r.o., Bartolomejska 90, 530 02 Pardubice, Czech Republic, Phone +420 466 530 230 Fax +420 466 530 824	www.sekk.cz		Chemistry, Hematology - Immunohaematology, Immunology		Czech and Slovak Republics		
Denmark	Dansk Institut for Ekstern Kvalitetssikring for laboratorier i Sundhedssektoren, DEKS.(Danish Institute for External Quality Assurance for Laboratories in the Health Sector)	adam.uldall@deks.dk	54 M1, Herlev Universitets Hospital, DK- 2730 Denmark Phone - 454488 3310 Fax - 454453 5369 e-mail : deks@deks.dk,	www.deks.dk/						website is in Danish - DEKS provides essentially all surveys in Denmark, but most of the schemes are purchased abroad (from Dr. Uldall)
Egypt	Eqas Egypt		Central Health Laboratory, 19 Sheikh Rihan Street, Falaky, Cairo			Chemistry, Coagulation, Hematology				
Erithrea	Eqas Hem Erithrea		Ministry of Health, Central Health Laboratory. Abiot Street 83, P.O.B. 1686, Asmara, Erithrea			Hematology				
Ethiopia	Eqas HIV Ethiopia	ehnri@telecom.net.et	Ethiopian Health and Nutrion Research Institute, P.O.Box 1242, Addis-Ababa, Ethiopia Phone 00251 1 751522 FAX 00251 1 754744			HIV				

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Europe	ERNDIM EQAS - The European Research Network for the evaluation and improvement of screening, diagnosis and treatment of Inherited Metabolic Disorders External Quality Assessment Schemes	baudouin.francois@luc.ac.be	Phone - 44 114 271 7404 (Dr. Bonham) Fax -44 114 276 6205 (Dr. Bonham) e-mail: ssiemjbvip.solis.co.uk	www.erndimqa.nl/		Chemistry - Metabolic disease assays	7 schemes, quantitative schemes shipped once per year, qualitative schemes 2-3 times per year	total of 220 primarily European countries, some offered worldwide	Yes	
Finland	Institute of Occupation Health		Biomonitoring Laboratory, Arinatie3, SF-00370 Helsinki, Finland Phone- 358-0-558961 Fax- 358-0-556157			Chemical Exposures- Mandelic acid, Pheno, Trichloroacetic acid, Methylhippuric acid				
Finland	LABQUALITY EQAS	mauri.keinanen@labquality.fi	Labquality, Ratamestarinkatu 11, FIN-00520, Helsinki, Finland Phone - 358 9 2293 3230 Fax -358 9 2293 2310	www.labquality.fi		Chemistry - General, Lipids, Hormones, Andrology, Tox, Tumor Markers, Urine Andrology Hematology - General, Coagulation Immunology Instrumentation Microbiology - Bacteriology, Virology, Parasitology Histopathology Cytology- Anatomic Pathology- Genetics- C	1 to 6 times per year	2280 labs in 1999 - International (32 countries in 1999)	Yes	ISO 9002 certified since 1996
Germany	DGKC - Deutsche Gesellschaft für Klinische Chemie (German Society for Clinical Chemistry)	info@DGKC-online.de	Referenzinstitut für Bioanalytik (Reference Institute for Bioanalytics), Im Muj;embach 52a. D-53127, Bonn Phone - 0228/21 50 25/26 Fax - 0228/21 15 29	www.dgkc-online.de		Chemistry - General, Tumor markers, lipids, urine, blood gases, Tox Immunology - Immunochemistry Hematology - Coagulation, Molecular Pathology, Photometer control				
Germany	INSTAND, Institute for Standardization and Documentation in the Medical Laboratory	instand@instand-ev.de	INSTAND d. V., Ubiestr.2D, D-40223, Dusseldorf Phone - 49(0)211 1592130 Fax - 49(0)211 159213-32	www.instand-ev.de		Chemistry - General, Tox, blood gases, tumor markers, hormones Hematology - General Coag. Immunology- Immunochemistry Microbiology - Bacteriology, Mycology, Mycobacteriology, Parasitology, Virology, Genetics, POCT	6 times per year		Yes	Reference Method Values
Hungary	QualiCont		University of Szeged, Biochemistry Dept., Szeged, Hungary		Academic	Chemistry, Microbiology			Yes	

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India	Eqas AIIMS India		Pathology Department, All India Institute of Medical Sciences, Ansari Nagar, New Delhi 110 029, India			Bacteriology, Hematology				
India	Eqas Clin Chem India		Department of Biochemistry, Postgraduate Institute of Medical Education and Research, Chandigarh - 160012, India FAX 0091 416 32103			Chemistry				
India	Eqas Microbiology India	micro@cmcvellore.ac. in	Christian Medical College Hospital, Departement of Clinical Microbiology, Ida Scudder Road, P.O.B. 3, Vellore, Tamil Nadu 632004, India Phone 91 416 22101 FAX 91 416 32103			Microbiology				
India	Eqas Varansi India		Pathology Department, IMS, BHU, Varanasi 221 005, India			Chemistry				
Indonesia	Eqas Bacteriology Indonesia		Persahabatan General Hospital, Jl. Persahabatan No. 1, Rawamangun, Indonesia			Bacteriology				
Indonesia	Eqas Indonesia		Ministry of Public Health, Provincial Health Laboratory, Jl. Sederhana No. 5, Bandung - 40161, Jawa Barat, Indonesia			Bacteriology, Chemistry, Coagulation, Hematology, Immunology, Parasitology				Other Provincial laboratory locations include: Ngadinegaran, Palembang, Semarang, Surabaya, and Yogyakarta
Indonesia	Eqas Jakarta Indonesia		Center for Health Laboratory, MOH, Jalan Hr. Rasuna, Said Block X5. Kav. No. 9, Jakarta 12950, Indonesia Phone 62 21 5201 590 FAX 62 21 5225 589			Bacteriology, Chemistry, Hematology, Immunology, Parasitology				

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Iran	Eqas Clin Chem Iran		Central Laboratory for Quality Control, Clinical Laboratories Specialists Association, P.O.B. 14155-1746, Tehran, Iran FAX 98 21 931568			Chemistry				
Iran	Eqas RLI Iran		Reference Laboratory of Iran, Bo-Ali Hospital, Tehran, Iran FAX 98 21 3796373			Bacteriology, Chemistry, Hematology				
Ireland	IEQAS, Irish External Quality Assessment Schemes	ieqas@eircom.net	IEQAS, P.O. BOX 4157, Dublin 14, Ireland Phone 01 210 3963 FAX 01 283 5282	www.ieqas.ie/		Chemistry - General, myocardial markers, blood gases, HbA1C Hematology		49 - Ireland (over 80% of all Irish hospital labs)	Yes	
Ireland, UK	HTEQA - Histopathology Technology External Quality Assessment		7 The Elms, Ringmer, east Sussex, UK, BN8 5EZ	www.hteqa.demon.co.uk		Histopathology				
Italy	Bio-Dev, VEQ Europa	info@biodev.com	S.S. Sempione, 32 20015 S. Lorenzo di Parabiago, Milan, Italy Phone: +39 0331 555989 a.r. FAX: +39 0331 552418 a.r.	www.biodev.com	Commercial	Chemistry, Hematology, Coagulation, Microbiology				
Italy	DicoCARE VEQ - Programma di Valutazione Esterna di Qualitita in Medicina di Laboratorio	veq@medicalsyste.ms.it	Medical Systems S.p.a., Via Rio Torbido, 40, I-16165, Genova, Italy Phone - program office: 39 010 83401 Dr. Maggio: 39 010 8340 227 Fax -39 010 8340310	www.dicocare.org/	Commercial	Chemistry - Immunoassays, TORCH, allergen specific and total IgE, prenatal markers Immunology, Immunoematology	4 times per year since 1998 (10 schemes in 2001)	540- Open Voluntary- Italy plus San Marino and Vatican City		Medical Systems S.p.A. established in 1977, is ISO 9002 certified since 1998 Commercial in vitro diagnostic reagents and systems, pre and post sales assistance and training courses for users of the commercialised systems"
Italy	Gycated Hemoglobin External Quality Assessment Scheme		Menarini Diagnostici, Marketing Linea Diabete, A. Menarini Diagnostics, Via lungo l'Elma 7, 50015 Grassina, Firenze, Italy Phone - 055 56 80 394 Fax 055 56 80 905	www.glicata.org		Chemistry - Hemoglobin A1c only	2 times per year		Yes	Cycles noted for 1999 and 2000, unclear if this is a continuing program

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Japan	JAMT - Japanese Association of Medical Technologists External Quality Survey Program		Japanese Association of Medical Technologists; Omori-kita 4-10-7, Ota-ku, Tokyo #143-0016, Japan Phone - .+81-3-3768-4722 Fax -.+81-3-3768-6722	www.jamt.or.jp	Organization: Japanese Association of Medical Technologists	Chemistry, Hematology, Immunology, Microbiology, Cytology, Blood banking, Anatomic Pathology, Microscopy, Clinical Physiology		Chemistry: 1900; Hematology: 1900; Immunology: 1800; Microbiology: 1200, Cytology: 1200, Blood Bank: 1200, Anatomic Pathology: 800, Microscopy: 1900, Clinical Physiology: 1400 - Japan	Yes	
Japan	JARCL - Japanese Association of Registered Clinical laboratories External Quality Survey Program		JARCL; Nibancho 5, Chiyoda-ku, Tokyo #102-0084, Japan Phone - .+81-3-3262-2326 Fax -.+81-3-3234-9669		Organization: Japanese Association of Registered Clinical Laboratories	Chemistry, Hematology, Immunology, Microbiology		Chemistry: 310; Hematology: 310; Immunology: 270; Microbiology: 130 Japan - restricted to Registeres Clinical Labs	Yes	
Japan	JMA - Japan Medical Association External Quality Survey Program	Higarasi@po.med.or.jp	EQSP Committee Motokomagome 2-28-16, Bunkyo-ku, Tokyo #113-8621, Japan Phone - .+81-3-3946-2121 Fax -.+81-3-3946-6295	www.med.or.jp		Chemistry, Hematology, Immunology, Immunochemistry, Microbiology		2600 - Japan	Yes	
Jordan	Eqas Bacteriology Jordan		Director, Central Laboratory, MOH, P.O.B. 910382, Amman 11191, Jordan			Bacteriology				
Jordan	Eqas Clin Chem Jordan		Dept. of Biological Sciences, Faculty of Sciences, University of Jordan, Amman, Jordan			Clinical Chemistry				
Jordan	Eqas Immun Jordan		Laboratory Directorate, MOH. P.O.B. 511, Amman 11118, Jordan			Immununology				
Kenya	Eqas Clin Chem Kenya		College of Health Sciences, P.O.B. 19676, Nairobi, Kenya			Chemistry				

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Kenya	Eqas Microbiology Kenya		AMREF, P.O.B. 30125, Wilson Airport, Nairobi, Kenya Phone 2542 506112			Bacteriology, Hematology, Parasitology				
Korea, North (DPR)	Eqas DPR Korea		Department of Treatment and Prevention, Ministry of Public Health, Pyongyang, North Korea			Chemistry				
Korea, Republic of	Korean External Quality Assurance Scheme (KEQAS)	jqkim@plaza.snu.ac.kr	Department of Clinical Pathology, Seoul National University Hospital, 28 Yongon-dong, Chongno- gu, Seoul 110-744, Korea Phone - 82-2-760-3326 Fax -82-2-764-6542, 745- 6653			Chemistry - General, TDM, urine, inborn errors of metabolism Hematology, Immunology, Immunoematology, MicrobiologyMolecular biology, Inborn errors of metabolism	Range 10-2, Clinical Chemistry(10 trials), Diagnostic hematology(3), Diagnostic Microbiology(3), Diagnostic Immunology(3), Blood Bank(3), Urinalysis and Routine Microscopy(2), TDM(2), Immunoassay(2), Molecular Biology(2), Inborn Error of Metabolism(2)	500 - National Voluntary but recommended by the Government	Yes	
Lithuania	EQA-PKU - External Quality Assurance for molecular genetic testing for Phenylketonuria	Danquole.steponaviciu te@mf.vu.lt	Human Genetics Center of Vilnius University, Santariskiu Street 2, LT- 2021 Vilnius, Lithuania Phone 370-2-365195 FAX +370-2-365199	www.geneticahuma na.lt/MOLGENT_ pages/eqa-pku.htm		Chemistry - PKU only	New program to begin pilot testing in second half of 2001	Pilot test with 10-15 European laboratories		
Malawi	HIV Reference Laboratory (HIV EQAP)	abarnaba@sdpn.org.m w	HIV Reference Laboratory, Queen Elizabeth Central Hospital, P.O. Box 30142, Chichiri, Blantyre 3, Malawi			Immunology - HIV, HBsAg and (VDRL/RPR/TPHA) Serology	Twice yearly	62 Laboratories - (29 Government laboratories, 28 Private laboratories 2 Police and Military, 2 Estate clinics,and 1 Project laboratory) National		

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Malaysia	Eqas Clin Chem Malaysia		Division of Biochemistry, Institute for Medical Research, Kuala Lumpur 50588, Malaysia			Chemistry				
Mauritius	Eqas Clin Chem Mauritius		Central Health Laboratory, Candos, Mauritius Phone 00230 4257118 FAX 00230 4245848			Chemistry				
Mexico	Eqas Mexico		Asociacion Mexican de Bioquimica Clinica (AMBC), Torres Adalid 508, Colonia del Valle, 03100 Mexico, D.F. Phone 52 687 8405/8529			Bacteriology, Chemistry, Hematology, Parasitology				
Mozambique	Programa Nacional de Garantia de Qualidade de Diagnostico de HIV (PNPQ-HIV)		Department of Immunology-Instituto Nacional de Saude (NIH) - Ministry of Health - Maputo, P.O. Box 264 Mozambique Phone - 258- 1-431103 Fax -258-1- 431103			Immunology, Medical Virology, Molecular Infectious Disease				Testing primarily HIV, but includes other retroviruses and vaccine preventable diseases
Myanmar	Eqas Myanmar		National Health Laboratory, 35 Hmaw Kun Teik Street, Yangon, Myanmar			Chemistry, Hematology, Immunology, Microbiology				
Namibia	Eqas Namibia		Deputy Director of Laboratory, P.O.B. 277, Windhoek, Namibia			Hematology, Parasitology				
Nepal	Eqas Nepal		National Public Health Laboratory, Teku, Kathmandu, Nepal			Chemistry, Hematology, Microbiology				
Netherlands	CLB Viral Diagnostic Laboratory Viral Quality Control (VQC)	vqc@clb.nl	Plesmaniaan 125 1066 CX Amsterdam The Netherlands Phone -.+31 20 512432 Fax -.+31 20 512528			HIV-1 RNA (quant); HCV (quant); CMV (quant); Parvovirus B19 (quant); HAV (quant); HSV (quant); Chlamydia trachomatis (quant)	1X per year			

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Netherlands	ECAT EQAP - European Concerted Action on Thrombosis External Quality Assessment Program	P.Meijer@ecat.nl	ECAT Foundation, PO Box 2215, 2301 CE LEIDEN, the Netherlands Phone - 31.71.5181496 Fax - 31.71.5181330	www.ecat.nl		Hematology -Coagulation Genetics - Molecular tests for Thrombosis Molecular biology	Coag is 4 times per year and molecular biology 2 times per year	325 - (July 2001) Worldwide	Yes	This programme started in 1993 as an European EQAS but now operates worldwide. The programme is mainly focused on laboratory tests involved in the screening for thrombophilia.
Netherlands	International Molecular Services BV	ims@imolex.com	Maliebaan 24-26 3581 CP Utrecht The Netherlands Phone - .+31(0)30 232 63 50 Fax - .+31(0)30 232 63 58			HIV Genotyping (resistance)				
Netherlands	SKZL, Stichting Swaliteitsbewaking Ziekenhuis Laboratoria (Dutch Foundation for Quality Assessment in Clinical Laboratories)	office@skzl.nl	116 SKZL, P.O. Box 9100, NL-6500 HB, Nimegene Phone - 31 24 361 66 37 Fax -31 24 356 06 86	www.skzl.nl		Andrology Chemistry - General, blood gases, urine, immunochemistry Hematology - Coagulation Microbiology - Virology	6 times per year	National Voluntary, some international	Yes	
Nigeria	Eqas Nigeria		Clinical Biochemistry Dept., NA Base Hospital, PMB 2004, Yaba, Lagos, Nigeria			Chemistry, Hematology				
Norway	National Programme for EQA for Bacteriology, Mycology and Parasitology, Programme for Serology	per.kristian.svendsen@fhi.no	Nasjanalt Folkehelseinstitutt, Postboks 4404, Nydalen 0403, Olso, Norway	www.fhi.no/english /		Microbiology - Bacteriology, Mycology, Parasitology				website provides an English overview page - the rest is in Norwegian - needs translation
Norway	NOKLUS - Norwegian Center for External Quality Assurance	Sverre.Sandberg@isf.uib.no	Institutt for samfunnsmedisinske fag, Universiteteti Bergen, Ulriksdal 8c, N-5009, Bergen, Norway Phone - 47 5558.6100 (program office) 5597.3111 (Prof. Sandberg) Fax -47 5558.6130 e-mail: Nokus@uib.no	www.uib.no/isf/intern/nokleng.htm	University: Dept. of General Practice, Bergen Univ.	Chemistry Hematology- Coagulation Immunology	four times per year	1700 - (1996 data) National & Voluntary for POLs	No (financed by Norwegian Medical Assoc. & Norwegian gov't authorities)	

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Oman	Eqa Oman		Oman QAP Organizer, Royal Hospital, Pathology Department, P.O.B. 1331, Code 111, Seeb, Muscat Oman			Chemistry, Hematology, Immunology, Parasitology				
Paraguay	Programa de Control de Calidad en Quimica	montblanes@sce.cnc.u na.py	Asociacion de Bioquimicos del Paraguay, Edificio Coomecipar piso 13 - dpto 1, Rosa Penya Rio de Janeiro, Asuncion, Paraguay Phone +595 21 213 337 FAX +595 21 207 228			Chemistry, Immunology				
Peru	Eqa Peru		Av. Los Alaeisos No. 730, Los Olivos, Lima, Peru Phone 42 74189 FAX 43 27748							
Philippines	Eqa Philippines		Director, Bureau of Research and Laboratories, Department of Health, San Lazaro Compound, Rizal Avenue, Sta. Cruz, Metor Manila, Philippines			Bacteriology, Chemistry, Hematology, Immunology, Parasitology				
Poland	CEQAS:Common External Quality Assessment System in Laboratory Medicine		Polish College of Laboratory Medicine, Department of Clinical Biochemistry, Debinki 7, 80 211 Gdansk, Poland Phone +4858 349 27 77 Fax -.+4858 346 15 38		Polish College of Laboratory Medicine: Non profit organization in cooperation with Labquality, Finland	Clinical chemistry, Hematology, Immunology, coagulation, Microbiology - bacteriology, virology (Labquality menu)		200 - Medical laboratories	Yes	

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Poland	External Quality Assessment Schemes	osrodek@cobjwdl.lodz.pl	Center for Quality Assessment in Laboratory Medicine, ul. Kopcinskiego 22, 90 153 Lodz, Poland Phone - .+4842 678 60 99 Fax - .+4842 678 60 99		Government	Dry chemistry, Hematology, coagulation, tumor markers Interlaboratory program of internal control: 50 analytes.	Chem: 2 per year; Hematology: 1-2 per year; Coagulation: 2 per year; tumor markers: 1-2 per year	Dry Chem: 40; Hematology: 1350; Coagulation: 1250; Tumor markers: 100; QC material: 80	No	
Poland	POLMICRO	polmicro@cls.edu.pl	Center for Quality Control in Microbiology, COBJDM, ul. Chelmska 30/34, 00-725 Warsaw, Poland Phone - (22) 841 58 34 Fax - (22) 841 29 49	www.polmikro.edu.pl	Government	Microbiology		Approximately 400 laboratories	No	Founded in 1997
Poland	POLMICRO: Polish National Quality Assurance Scheme	waleria@urania.il.waw.pl	ul. Chelmska 30/34 00 725 Warsaw, Poland Phone - .+4822 841 33 67 Fax -.+4822 841 29 49		Government: Coordinated by Center of Quality Control in Microbiology	Microbiology		315 - Clinical microbiological laboratories	No	
Poland	RIQAS - Randox International Quality Assessment Scheme	randox@optimus.waw.pl	Randox Laboratories ul Zytnia 15C lok 30, 01014 Warsaw, Poland Phone - 4822 862 1080 Fax -4822 862 1081		Commercial			200	Yes	
Portugal	Eqas Portugal	m.adelina.gomes@insa.min-saude.pt	Portuguese National Health Institute, Dr. Ricardo Jorege (INSRJ), Sector de Controlo de Qualidade, Av. Padre Cruz, P-1649-016, Lisboa Phone - 351 2175.1361, 351 2175.19349(Dr. Gomes Fax -351 2175.78440)	www.insarj.pt			annually	260 - National, open voluntary	Yes	

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Russia	Federal System for External Quality Assessment	medlab@online.ru	National Center for External Quality Assessment in Laboratory Medicine, 10 Petroverigsky Lane, Moscow, 101990, Russia Phone - 7 095 928 18 63 Fax- 7 095 928 18 63	www.fsvok.da.ru		Chemistry- Urine, Hormones, Hematology- General, Coagulation, Immunology- , Microbiology - Bacteriology, Mycobacteriology, Virology, Cytology	1 to 6 times per year	5083(in 2001) - Russian Federation, Mandated	Yes	Website is in Russian
Senegal	Eqas Clin Chem Senegal		University Hospital Center of Dekar, B.P. 5116, Dakar, Senegal			Chemistry				
Singapore	Eqas Singapore		Division Head, Clinical Laboratories, Department of Pathology, Singapore General Hospital, Outram Road, Singapore 169608			Chemistry, Hematology				
South Africa	Eqas Thistle		Thistle QA, P.O.B. 1090, Cresta 2118, Johannesburg, South Africa Phone 27 11 878-0968 FAX 27 11 678-8233			Bacteriology, Chemistry, Coagulation, Hematology, Immunology				
South Africa	National Health Laboratory Service EQA Program	qc@mail.saimr.wits.ac.za	QA Division NHLS, BOX 1038, Johannesburg 2000, South Africa	www.niv.ac.za	Government	Chemistry, Hematology, Coagulation, Immunology, Microbiology (Bacteriology, Mycobacteriology, Mycology, Parasitology)	Monthly to Biannually depending on Specialty	115 - Government Private labs also other African countries (open and voluntary)	Yes	
Spain	Spanish Society of Clinical Biochemistry and Molecular Biology - SEQC -programs to guarantee quality for clinical laboratories	framon@hsjdbcn.org	Spanish Society of Clinical Biochemistry and Molecular Biology, Padilla, 323, office 68, 08025 Barcelona Phone - 93 446 26 70 Fax -93 446 26 72	www.seqc.es	Organization	Chemistry -General, endocrine, proteins, gases, cardiac markers, tumor markers Hematology -General Coagulation Immunology - Infectious disease serology Microbiology - Bacteriology, serology Preanalytical.	Monthly and quarterly, depending on survey			
Sri Lanka	Eqas MRI Sri Lanka		Department of Biochemistry, Medical Research Center, P.O.B. 527, Colombo 525, Sri Lanka			Chemistry, Hematology				

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Sweden	EQUALIS: External Quality Assurance in Laboratory Medicine in Sweden	webmaster@equalis.se	Box 977, 75109 UPPSALA Phone - 018 - 69 31 45 Fax -018 - 69 31 46	www.equalis.se/						Website in Swedish - needs translation
Sweden	Quality Club	birgitta.ryden@pharmacia.com	Pharmacia Diagnostics AB, SE-75182 Uppsala, Sweden	www.diagnostics.com/templates/Page.asp?id=2082	Commercial	Specific IgE, Total IgE, Eosinophil Cationic Protein (ECP)	Once a month	Over 900 hospital, commercial laboratories from more than 30 countries.		Reporting frequency once a month and a summary report, containing 12 month results, every fourth month.
Switzerland	MQ - Verein für medizinische Qualitätskontrolle (Association for Medical Quality Control)	mq@ikc.unizh.ch	c/o Institute for Clinical Chemistry, University Hospital of Zurich, CH 8091 Zurich, Switzerland Phone - 01 255 34 11 FAX - 01 261 12 83	www.mqzh.ch	Professional	Chemistry, Coagulation, Hematology, Immunology	4 times per year		Yes	
Switzerland	Quality Control Center Switzerland (CSCQ)	Andre.Deom@hcuge.ch	CSCQ c/o Hopitaux Universitaires de Geneve, 2, chemin du Petit-Bel-Air, CH-1225 Chene-Bourg, Switzerland Phone- 41 (0) 22 / 305 52 30, FAX- 41 (0) 22 / 305 52 38	www.cscq.ch		Chemistry, Hematology, Immunology, Microbiology	4 to 12 times per year depending on specialty	up to 4500 depending on specialty program	Yes	Established in 1972, ISO certified and accredited, French/German/Italian speaking, WHO collaborating center.
Switzerland	Swiss Quality Control for Bacteriology and Mycology	AvG@immv.unizh.ch	Swiss Quality Control for Bacteriology and Mycology, Department of Medical Microbiology, University of Zurich, Gloriastrasse 32, CH-8028, Zurich, Switzerland Fax -41 (0)1 634.49.06	www.unizh.ch/imm /		Microbiology - Bacteriology, Mycology	3 times per year (four samples per event)	108 - International - open to any laboratory, voluntary; participants primarily Swiss labs with a few in Germany and Austria	Yes	
Switzerland	Swiss Quality Control for Mycobacteriology	fbaggi@immv.unizh.ch	The Swiss National Center for Mycobacteria, Department of Microbiology, University of Zurich, Gloriastrasse 30, CH-8028, Zurich, Switzerland Phone - 41 (0)1 634.27.86 Fax -41 (0)1 634.49.18	www.unizh.ch/imm /		Microbiology - Mycobacteriology	2 times per year	47 - National, some international, voluntary	Yes	

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Syria	Eqas Clin Chem Syria		Syrian Clinical Laboratory Association, General Secretary, P.O.B. 7582, Damascus, Syria			Chemistry				
Tanzania	Eqas Dar es Salaam Tanzania		Dept. of Clinical Chemistry, P.O.B. 65189, Dar es Salam, Tanzania			Bacteriology, Chemistry, Hematology, Immunology, Parasitology				
Tanzania	Eqas Mwanza Tanzania		Pathology Dept., Bugando Medical Center, P.O.B. 1370, Mwanza, Tanzania			Chemistry, Hematology, Parasitology				
Thailand	Aflatoxin analysis performance scheme	kanokporn@dmsc.moph.go.th	Division of Food, Department of Medical Sciences 88/7 Tiwanond road, Soi Bamranaradura Hospital, Muang Nonthaburi 11000 Phone - 662 F6951 1022 ext 9602 Fax -662 9511023	www.dmsc.moph.go.th	Government	Aflatoxin analysis in grain (corn and groundnut)	2 cycles/year	25 - Government and non-government labs in Thailand	No	
Thailand	Blood Alcohol Proficiency Test	jaruwan@dmsc.moph.go.th	Regional Medical Sciences Center, Chiang-Mai Province Phone - 66 53 224770-3 external 153 Fax -66 53 219223	www.dmsc.moph.go.th	Government	Blood alcohol analysis	2 cycles/year (4 PT samples)	30 - Government and non-government labs in Thailand	No	
Thailand	Blood Lead Proficiency Test		National Institute of Health, Department of Medical Sciences, 88/7 Tiwanond road, Soi Bamranaradura Hospital, Muang Nonthaburi 11000 Phone - 66 2 5915449 extension 9063 Fax -66 2 5915436	www.dmsc.moph.go.th	Government	Blood lead analysis	4 cycles/year	70 - Government and non-government labs in Thailand	No	
Thailand	Eqas Clin Chem Thailand		Faculty of Medical Technology, Mahidol University, Siriraj Hospital, Phran Nok Road, Siriraj, Bangkok Noi, Bangkok 10700 Thailand			Chemistry				

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Thailand	Eqs Parasitology Thailand		Medical Scientist, Bureau of Laboratory Quality Standards, Department of Medical Sciences, Ministry of Public Health, 693 Bumruangmuang Rd., Yod- se, Bangkok 10100 Thailand			Parasitology				
Thailand	External Quality Assessment Program for anti HIV Testing	wilai@dmsc.moph.go. th	National Institute of Health, Department of Medical Sciences. Tiwanon Road, Muang, Nonthaburi, Thailand 11000 Phone - .+66(0)2 951 1428 Fax -.+66(0)2 9511428		Government: Funded by the National Institute of Health, Department of Medical Sciences. Ministry of Public Health, Thailand	HIV Serology Quality Assurance and Quality Control Program		850 - National, some international, voluntary	No	
Thailand	External Quality Assurance Program for Thyroid Hormone Fuction	noppavan@dmsc.mop h.go.th	National Institue of Health, Department of Medical Sciences, 88/7 Tiwanond road, Soi Bamranaradura Hospital, Muang Nonthaburi 11000 Phone - 662 9510000 ext 9227,9228 Fax -662 5915449	www.dmsc.moph.g o.th	Government	Human serum T3, T4 and TSH analysis	4 cycles/year (four PT samples)	30 - Government and non-government labs in Thailand	No	
Thailand	National Proficiency Testing Schemes	roongrasamee@dmsc. moph.go.th	Proficiency Testing Section, Bureau of Laboratory Quality Standards, Department of Medical Sciences 88/7 Tiwanond road, Soi Bamranaradura Hospital, Muang Nonthaburi 11000 Phone - 66 2 9510000 ext 9263 Fax -662 9510669	www.dmsc.moph.g o.th	Government	Blood Banking, Chemistry, Clinical Microscopy, Hematology, Immunology, Microbiology	2-3 cycles/year (usually two PT samples)	600-800 participants in Thailand and 16 laboratories in 10 South East Asia Region countries - Government and non-Government laboratories.	No	Apply for NATA Approval of Provider of Proficiency Testing Schemes

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Thailand	Protocol for Proficiency Testing Scheme of Water Microbiology Analytical Laboratory	churairat@dmisc.moph.go.th	Division of Food, Department of Medical Sciences 88/7 Tiwanond road, Soi Bamranaradura Hospital, Muang Nonthaburi 11000 Phone - 662 951 1022ext 9602 Fax -662 9511023	www.dmisc.moph.go.th	Government	Coliform detection in Water	1 cycle/year (6 PT samples)	28 - Government and non-government labs in Thailand	1200 Baht/year	
Thailand	TLD postal dose intercomparison for Cobalt-60 teletherapy machine	kijja@dmisc.moph.go.th	Division of Radiation and Medical Devices, Department of Medical Sciences, 88/7 Tiwanond road, Soi Bamranaradura Hospital, Muang Nonthaburi 11000 Phone - 662 9511027 ext. 9645 Fax -662 9511027-8	www.dmisc.moph.go.th	Government	The assessment of the fuction of Cobalt-60 machine and the caculation of radiation from that machine	1 cycle/year (6 PT samples)	25 - Government and non-government labs in Thailand	No	
Togo	Eqas Togo		Faculty of Medicine and Pharmacy, DPLET, Ministry de la Sante, BP 336 Lome, Togo Phone (228) 04 55 40 FAX (228) 22 07 99							
UK	Analytical Services International Proficiency Testing schemes for immunosuppressive drugs	dwhasil@aol.com	Analytical Services International Ltd, 5 Lavender Close, Chaldon Common, CATERHAM, CR3 5DW, UK Phone - 44-1883-344 628 Fax -44-1883-331 069	www.bioanalytics.co.uk/	Commercial	Chemistry - Immunosuppressive drugs - cyclosporin, tacrolimus, mycophenolate, sacrolimus	Monthly (3 challenges)	Cylosporin program has 424 participants in 34 countries		Appears that PT schemes are for diagnostic and pharmaceutical industry
UK	EMQN EQA - European Union Molecular Genetics Network	office@emqn.org	EMQN c/o Regional Molecular Genetics Laboratory, St. Mary's Hospital, Hathersage Road, Manchester M13 0JH, UK Phone - 44 161 276 6741 Fax -44 161 276 6606	www.emqn.org/eqa.php		Genetics - in 1999, 6 disease specific schemes Molecular genetics		In 1999, 251 centers participated from 35 countries - Restricted in 1998 to EU countries		

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UK	Quality Control for Molecular Diagnostics (QCMD)	Info@qcmd.org	QCMD Block 6, Kelvin Campus, West of Scotland Science Park, Glasgow G20 OSP Phone +44(0) 141 945 6474 FAX +44(0) 141 945 5795	www.qcmd.org		Molecular diagnostics				
UK	RIQAS - Randox International Quality Assessment Scheme	mail@riqas.com	International Headquarters: Randox Laboratories Ltd., 55 Diamond Road, Crumlin, Co.Antrim, United Kingdom, BT29 4QY Phone - INT +44 28 9442 2413, UK 028 9442 2413 Fax -INT +44 28 9545 2912, UK 028 9445 2912	www.randox.com/riqas.asp						
UK	The European Union Quality Control Concerted Action (EUQCCA)	qcca@man.ac.uk	EU CA Secretariat; Department of Virology; 3rd floor-Clinical Sciences Bldg.; Manchester Royal Infirmary; Oxford Road, Manchester; M 139WL, UK Phone +44(0) 161 276 8841 Fax +44(0) 161 276 8840	www.qcca.org.uk			Variable			
UK	UK NEQAS - United Kingdom National External Quality Assessment Schemes	j.g.middle@bham.ac.uk	Dept. of Immunology, Nothern Gen. Hospital NHS Trust, Sheffield S5 7AU, UK Phone - 44 114 261 1689 (office), 0121 414 7300(Dr. Middle) Fax- 44 114 261 1049	www.ukneqas.org.uk		Chemistry - Extensive, 25 schemes, inc. General, TDM, Tox, Tumor Markers, Urine, Maternal Serum Hematology - General Coag, Abnormal hemoglobins Microbiology - Bacteriology, Mycology, Mycobacteriology, Parasitology, Virology Anatomic Pathology- Histopathol	Varies by scheme, range= 2 - 22 times per year	Varies by scheme, approx. 400-500 in the UK, 100-200 non-UK - Majority of participants are in the UK, others from over 30 countries	Yes	Participation in some schemes required for accreditation by Clinical Pathology Accreditation (UK) Ltd. (CPA)
UK	Veterinary Laboratory Quality Assessment (VLQAS)		Phone - .++(0)1509 670607 Fax -.++(0)1509 670206			Chemistry, Haematology, Microbiology, Parasitology, Immunology, Histopathology				

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UK	WEQAS, Wales External Quality Assessment Scheme	eith@weqas.com	Quality Laboratory, Directorate of Pathology, Quality Laboratory Directorate of Pathology University Hospital of Wales, Heath Park, Cardiff, CF14 4XW Phone - 029 20742810 Fax -029 207 48336	www.weqas.com	Nonprofit organization	Chemistry - General, Blood gases, Immunoassay, Glycated Hemoglobins, Porphyrins		Over 500, primarily in UK and Ireland	Yes	Performanace in certain schemes required for CPA accreditation
Uruguay	Programa de Evaluacion Externa del Comite de Estandarizacion y Control de Calidad (CECC)	stelaray@fq.edu.uy	Laboratorio Central del Hosp. Maciel, 25 de Mayo 174, Montevideo, Uruguay Phone/Fax: 598 (2) 916 63 65, Tel/Cel 099 110 831		Academic	Chemistry, Urinalysis, Hematology and Coagulation, Bacteriology, Instrumentation	8/year to 4/year depending on specialty	115 Public and private laboratories in Uruguay	Yes	First survey established in 1987. Currently offering 23 analytes.
USA	AccuTest	service@accutest.org	P.O. Box 999, Westford, MA 01886-0031 Phone - 800.356.6788 or 978.692.5650 Fax - 978.692.5773	www.accutest.org		Andrology Chemistry - Matrix-insensitive/fresh serum Chem, Lipid, NeoBili, Glycated Hb, Cardiac markers, and TDM; Blood gases, POCT, tumor markers Hematology - Full menu; 3-part and 5-part diffs, ESR, Retic, CO-OX Hb fractions Immunology Microbiology - B	3 shipments X 5 samples	2000 - Hospital labs, Independent labs, reference labs, physician`s office labs		
USA	AcroMetrix HIV-1 Resistance Proficiency Program	pdn@acrometrix.com	AcroMetrix Corporation, 6058 Egret Court, Benicia, CA 94510 Phone - 707.746.8888 Toll Free in USA: 888.746.7921 Fax - 707.746.8881	www.acrometrix.com	Commercial	Genetics -Molecular Diagnostics	2 - 3 times per year with 5 challenges per shipment	Varies with challenge - International - open to any laboratory performing HIV-1 resistance mutation testing	Yes	This program meets CLIA requirements of 42 CFR sec 493.1709b. Additional molecular diagnostic challenges will be available in 2002.
USA	AIDS Clinical Trial Group (ACTG)	VQA@rush.edu	Phone - 312-942-5954 Fax -312-942-6787			HIV-RNA (quantitative) HIV-DNA (qualitative)	HIV-RNA bi-monthly; HIV-1 DNA: 2x per year			
USA	American Academy of Family Physicians (AAFP)	bmitchel@aafp.org	11400 Tomahawk Creek Parkway, Leawood, KS 66211-2672 Phone - 800-274-7911 Fax -913-906-6079	www.aafp.org/pt/index.html	Medical Specialty Assn., not-for-profit	Chemistry, Hematology, Microbiology, Immunology, Immunochemistry				

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USA	American Association of Bioanalysts (AAB)	techsupport@aab-pts.org	205 West Levee Street, Brownsville, Texas 78520-5596 Phone - 800-234-5315 Fax - 956-542-4041	www.aab.org						
USA	American Proficiency Institute	info@api-pt.com	1159 Business Park Drive, Traverse City, MI 49686 Phone - 800.333.0958 Fax -231.941.728	www.api-pt.com/		Chemistry - General, TDM, Immunoassay, Point of Care Hematology - General, Flow cytometry, Practioner-performed microscopy, Urinalysis with point of care options Microbiology- Bacteriology, Mycology, Parasitology, AFB Smears, Viral Antigens	3 test events per year	10,000 - 90% Physician Office, 10% Hospital	Yes	Paperless PT option; Free CME through affiliation with ASCP
USA	Bio-Rad EQAS (External Quality Assurance Services)	diagcs@bio-rad.com	Bio-Rad Laboratories, 9500 Jeronimo Road, Irvine, CA 92618-2017 Phone - (800) 854 6737 or (949) 598 1543 Fax - (949) 598 1541	www.bio-rad.com	Commercial	Chemistry - General, TDM, Immunoassay Immunology - specific proteins (immunoassay), tumor markers	12 samples per 6 months: 1 sample tested every 2 weeks. (total 24 times per year)	Varies by scheme - Worldwide (over 50 countries)	Yes	All schemes accredited by Clinical Pathology Accreditation (UK) Ltd. CPA)
USA	California Thoracic Society	ctslung@aol.com	202 Fashion Lane, Suite 219, Tustin, CA 92680-3320 Phone - 714.730.1944 Fax - 714.730.4057	www.thoracic.org/chapters/state/california/ca.html						
USA	Centers for Disease Control and Prevention (CDC), Blood Lead Laboratory Reference Systems (BLLRS)	RLJones@cdc.gov	BLLRS Coordinator (Mail Stop F-18) National Center for Environmental Health Centers for Disease Control and Prevention 4770 Buford Highway, N.E. Atlanta, GA 30341-3724	www.cdc.gov/ncehdls/lead.htm	Government: HHS	Blood lead analysis	4 times per year	397 in 2001	No	
USA	Centers for Disease Control and Prevention (CDC), Cholesterol Reference Method Laboratory Network (CRMLN)	bslazyk@cdc.gov	Cholesterol Reference Method Laboratory Network (CRMLN) CDC/ National Center for Environmental Health/ Clinical Chemistry Branch 4770 Buford Highway, N.E. MS F-25 Atlanta, GA 30341-3724		Government: HHS	provides bi-monthly analytical performance challenges to Network members		11 CRMLN labs		

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USA	Centers for Disease Control and Prevention (CDC), Ensuring the Quality of Iodine Procedures (EQUIP)	RLJones@cdc.gov	EQUIP - National Center for Environmental Health Centers for Disease Control and Prevention MS-F-18 4770 Buford Highway, N.E. Atlanta, GA 30341-3724	www.cdc.gov/nceh/dls/default.htm	Government: HHS	Urinary iodine		41 labs representing 27 countries	No	
USA	Centers for Disease Control and Prevention (CDC), Lipid Standardization Program	GMeyers@cdc.gov	Lipid Standardization Program National Center for Environmental Health, Division of Laboratory Sciences Centers for Disease Control and Prevention 4770 Buford Highway, N.E. Atlanta, GA 30341-3724	www.cdc.gov/nceh/dls/cv.htm	Government: HHS	cholesterol, triglycerides, high-density lipoprotein cholesterol (HDL-C), and low-density lipoprotein cholesterol (LDL-C)		over 100 laboratories - federally funded and other public health heart-disease epidemiologic and research laboratories.		
USA	Centers for Disease Control and Prevention (CDC), Model Performance Evaluation Program (MPEP)	gdc1@cdc.gov	Model Performance Evaluation Program; Laboratory Practice Assesment Branch; Division of Laboratory Systems, Mailstop G-23; Public Health Program Office; Centers for Disease Control and Prevention, Atlanta, Georgia USA 30341-3724 Phone -770-488-8295 Fax -	www.phppo.cdc.gov/mpep/		HIV-1 RNA (quantitative); HIV-1 Ab, HTLV - I/II Ab, T-Lymphocyte immunophenotyping by flow cytometry, HIV-1 p24 Ag, Mycobacterium tuberculosis by Nucleic Acid Amplification, Mycobacterium tuberculosis drug susceptibility testing	2 times per year			
USA	Centers for Disease Control and Prevention (CDC), Newborn Screening Quality Assurance Program, Division of Laboratory Sciences	cbell@cdc.gov	Centers for Disease Control Prevention(CDC), 4770 Buford Highway NE, MS F43, Atlanta, GA 30341 Phone: 770-488-4023 Fax- 770-488-4255	www.cdc.gov/nceh/dls/newborn_screening.htm		Dried Blood Spot: Newborn Metabolic Screening , Fatty Acid Oxidation Disorders, Organic Acid Disorders, Urea Cycle Disorders, HIV, Sickle Cell Disease and other HemoglobinopathiesSubspecialties: Chemistry - T4, TSH. Hematology - hemoglobinopathies. Immun	Quartely Sets: five dried -blood specimens	300- National International laboratories		PT program specifically for dried spots and Newborn Screening

Country/ Region	Program Name	Contact / E-mail	Address	Web Site	Affiliation	Specialties	Challenge Frequency	Participant Type/Numbers	Fee	Notes
USA	College of American Pathologists - CAP Surveys	mpton@cap.org	Surveys Department, 325 Waukegan Road, Northfield, IL 60093-2750, USA Phone - 800.323.4040, ext. 7483 Fax - 847.832.8162	www.cap.org/html/lip/surveys.html#EXCEL	Organization: College of American Pathologists	Immunohematology Microbiology - Chlamydia trachomatis; Neisseria gonorrhoeae; HCV-RNA (quant); HIV-1 RNA (Quant); ID panel: B. burgdorferi, CMV,HSV, HCV genotyping, HCV qual, HIV-1 genotyping, HPV, mecA, molecular typing-bacterial, Mtb Cytology- Genetics -	2 to 3 times per year		Yes	
USA	College of American Pathologists - Excel	lpalick@cap.org	Surveys Department, 325 Waukegan Road, Northfield, IL 60093-2750, USA Phone - 800.323.4040, ext.7622 Fax -847.832.8162	www.cap.org/html/lip/surveys.html#Surveys					Yes	
USA	Commonwealth of Pennsylvania Limited Survey	khartwig@state.PA.US	PA Department of Health Bureau of Laboratories 110 Pickering Way Lionville, PA 19353 Phone - 610.280.3464, ext 3218 Fax - 610.436.3346			Immunology - Inf. Mono., Urine, pregnancy, H. pylori	3 times per year	950 - POL's performing CLIA Waived Tests	Yes	
USA	Commonwealth of Pennsylvania Toxicology	mshoemaker@state.pa.us	Department of Health, Bureau of Laboratories P.O. Box 500, Exton, PA 19341-0500 Phone - 610.280.3464 Fax - 610.436.3346			Alcohol, Drugs, EP, Lead	3 times per year	Laboratories approved to perform testing on the citizens of Pennsylvania	Yes	
USA	Idaho Bureau of Laboratories	crawfor2@idhw.state.id.us	Department of Health and Welfare, Division of Health, Bureau of Laboratories, 2220 Old Penitentiary Road, Boise, Idaho 83712 Phone -208-334-2235 Fax -208-334-2382	www2.state.id.us/dhw/contentlist.html#General%20Information	State Government	Chemistry - Routine, Endocrinology, Toxicology Hematology Diagnostic Immunology - Syphilis Serology, General Immunology Microbiology - Bacteriology	3 times per year	500 physician's offices and rural clinical laboratories		Target physician laboratories for CLIA waived and non-waived testing. HCFA approved. Education oriented.

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USA	Medical Laboratory Evaluation	conniel@mail.acponline.org	2011 Pennsylvania Ave., NW Suite 800, Washington, DC 20006- 1834 Phone - 202.261.4511 or 800.338.2746 Fax - 202.835.0440	www.acponline.org /mle		Chemistry - Routine, Endocrinology, Toxicology Hematology Immunochemistry Immunology Microbiology - Bacteriology, Parasitology, Virology	3 times per year	approximately 3,000 clinical laboratories		
USA	New Jersey Department of Health and Human Services		Department of Health, P.O. Box 360, Trenton, NJ 08625-0360 Phone - 609-292-5605 Ext. 3 Fax - 609-292-9285	www.state.nj.us/health/phel/comp_pt3.pdf	State Government	Chemistry - Routine, Endocrinology, Toxicology Hematology Immunochemistry Diagnostic Immunology - Syphilis Serology, General Immunology Microbiology - Bacteriology	3 times per year	Approximately 500 clinical laboratories: hospitals, independent laboratories, family planning, physician offices, health departments.		
USA	New York State Department of Health	CLEP@health.state.ny.us	Wadsworth Center for Labs Research Department of Health, P.O. Box 509, Albany, NY 12201-0509 Phone - 510-485-5378 Fax - 518.485.-5414	www.wadsworth.org/labcert/		Chemistry Hematology Immunochemistry Immunology Microbiology	3 times per year/ 2 times per year for Mycobacteriology	approximately 1,000 New York state clinical laboratories		
USA	NIAID DAIDS Quality Assessment		UMD-NJ Medical School, Center of Lab Investigation, 185 South Orange Ave, NSB F-570, Newark, NJ 07103 Phone - 973-972-1500 Fax-973-972-1503			Flow Cytometry Immunophenotyping				
USA	Puerto Rico Department of Health	mirodriguez@salud.gov.pr	Laboratory Services Program, P.O. Box 70184, San Juan, Puerto Rico 00936 Phone -787- 766-1616 Fax - 787-759- 6210		Territorial Program	Chemistry - Routine, Endocrinology, Toxicology Hematology Diagnostic Immunology - Syphilis Serology, General Immunology Microbiology - Bacteriology, Mycobacteriology, Mycology, Parasitology	3 times per year/ 2 times per year for Mycobacteriology	Approximately 700 clinical laboratories		
USA	Stem Cell Technologies Proficiency Testing Program		Phone - 800-567-2899, Fax- 604-877-0704	www.stemcell.com	Commercial	Stem cell technology	bi-annually	International	Yes	

Country/ Region	Program Name	Contact / E-mail	Address	Web Site	Affiliation	Specialties	Challenge Frequency	Participant Type/Numbers	Fee	Notes
USA	WHO's EQAS-AST. The WHO External Quality Assurance Scheme in Antimicrobial Susceptibility Testing		Epidemiology and Laboratory Branch Division of Healthcare Quality Promotion Centers for Disease Control and Prevention 1600 Clifton Rd, N.E. G-08 Atlanta, GA 30333 Phone - 404-639-3155		Collaboration between CDC and WHO	Bacterial isolates with key antimicrobial resistance phenotypes	Set of 2 challenge organisms sent three times a year.	Approximately 150 participants in 42 countries. Several participants have disseminated challenge organisms to other laboratories in surrounding regions. Results have been received from approximately 400 laboratories - International including one US labora	None	
USA	Wisconsin State Laboratory of Hygiene (WSLH)	hassemer@mail.slh.wisc.edu	465 Henry Mall, Madison, WI 53706-1578 Phone-800.462.5261 Fax -608-265-1111	www.slh.wisc.edu/p t/		Chemistry - Routine, Endocrinology, ToxicologyHematology Diagnostic Immunology - Syphilis Serology, General ImmunologyImmunoematologyMicrobiology - Bacteriology, Mycobacteriology, Mycology, Parasitology, Virology	3 times per year/ 2 times per year for Mycobacteriology	Approximately 2,500 clinical laboratories		
World	WHO's IEQAS - World Health Organization's International External Quality Assessment Schemes			www.who.int/bct/ Main_areas_of_work/DIL/Lab_Tech/External_Quality_Assessment.htm				assists developing countries to establish and promote EQA schemes		
Zambia	Eqas Zambia		Central Board of Health Services, P.O.B. 32588, Ndeke House, Lusaka, Zambia Phone 00260 253179/254528 FAX 00260 253173/254528							
Zimbabwe	ZINQAP (Zimbabwe National Quality Assurance Program)	zinqap@healthnet.zw	P.O. Box A1955, Avondale, Harare, Zimbabwe		Government, Zimbabwe's Health Professions Authority	Chemistry, Hematology, Histology/Cytology, Immunoematology, Immunology, Microbiology		90 laboratories		