

Office of Rare Diseases Research

Appendix: Global Rare Diseases Patient Registry and Data Repository-GRDR

Common Data Elements

Notes:

- References to Health Level Seven (HL7) apply to v2.3.1 of its messaging standard except where indicated.
- The ampersand (&) and hat (^) characters are data delimiters in HL7.
- Brackets (<>) indicate a variable name that would be replaced with actual data in a message.
- The format for composite data types shows their structure in an HL7 message, which is not necessarily how they would be implemented in a database. They are provided here to illustrate important components of the data being captured.

HL7 AD Data Type (Address) (composite)

<street address (ST)> ^ < other designation (ST)> ^ <city (ST)> ^ <state or province (ST)> ^ <zip or postal code (ST)> ^ <country (ID)> ^ <address type (ID)> ^ <other geographic designation (ST)>

HL7 CE Data Type (Coded Element)

<identifier (ST)> ^ <text (ST)> ^ <name of coding system (ST)> ^ <alternate identifier (ST)> ^ <alternate text (ST)> ^ <name of alternate coding system (ST)>

HL7 CQ Data Type (Composite Quantity with Units)

<quantity (NM)> ^ <units (CE)>

HL7 CWE Data Type (Coded with Exception)

<identifier (ST)> ^ <text (ST)> ^ <name of coding system (ST)> ^ <alternate identifier (ST)> ^ <alternate text (ST)> ^ <name of alternate coding system (ST)> ^ <coding system version ID (ST)> ^ alternate coding system version ID (ST)> ^ <original text (ST) >

HL7 HD Data Type (Hierarchic Designator)

<namespace ID (IS)> ^ <universal ID (ST)> ^ <universal ID type (ID)>

- The basic definition of the HD is that it identifies an administrative, system, application, or other entity that has responsibility for managing or assigning a defined set of instance identifiers such as placer or filler number, patient identifiers, provider identifiers, etc. This entity could be a particular health care application such as a registration system that assigns patient identifiers, a governmental entity such as a licensing authority that assigns professional identifiers or drivers' license numbers, or a facility where such identifiers are assigned.
- In the case where an HD identifies an entity that assigns/creates instance identifiers such as a particular patient registration system, it defines an assigning authority. In the case where an HD identifies a location where instance identifiers are given out (although they may be created by another entity at another location) such as a particular department of motor vehicles office location, it defines an assigning facility. These two different uses of the HD appear in many of the extended data types.

- The assigning authority defined by the HD is similar in its role to the coding system (and version) part of the coded element data types: both identify a set of more discrete instance identifiers. The difference is that the set of HD-defined discrete instances contains identifiers of real-world things such as patient or clinical orders and the coded element-defined set of discrete instances contains concept identifiers (codes).

HL7 ID Data Type

The value of such a field follows the formatting rules for an ST field except that it is drawn from a table of legal values.

HL7 IS Data Type

The value of such a field follows the formatting rules for a ST field except that it is drawn from a site-defined (or user-defined) table of legal values. There shall be an HL7 table number associated with IS data types.

HL7 MO Data Type (Money)

<quantity (NM)> ^ <denomination (ID)>

HL7 NM Data Type (Numeric)

A number represented as a series of **American Standard Code for Information Interchange (ASCII)** numeric characters consisting of an optional leading sign (+ or -), the digits, and an optional decimal point. In the absence of a sign, the number is assumed to be positive. If there is no decimal point the number is assumed to be an integer.

HL7 PN Data Type (Person Name) (composite)

<family name (ST) & <last_name_prefix (ST)> (ST)> ^ <given name (ST)> ^ <middle initial or name (ST)> ^ <suffix (e.g., JR or III) (ST)> ^ <prefix (e.g., DR) (ST)> ^ <degree (e.g., MD) (IS)>

HL7 ST Data Type (String)

String data are left justified with trailing blanks optional. The data type consists of any displayable (printable) ASCII characters (hexadecimal values between 20 and 7E, inclusive or ASCII decimal values between 32 and 126), except the defined delimiter characters. This data type is intended for strings less than 200 characters in length.

HL7 TN Data Type (Telephone Number)

[NN] [(999)]999-9999[X99999][B99999][C any text]

Where NN is the country code, X99999 indicates an optional extension, B99999 is an optional beeper code and C is an optional comment consisting of any text.

HL7 XON Data Type (Extended Composite Name for Organizations)

Components: <organization name (ST)> ^ <organization name type code (IS)> ^ <ID number (NM)> ^ <check digit (NM)> ^ <code identifying the check digit scheme employed (ID)> ^ <assigning authority (HD)> ^ <identifier type code (IS)> ^ <assigning facility ID (HD)> ^ <name representation code(ID)>

- Subcomponents of assigning authority: <namespace ID (IS)> & <universal ID (ST)> & <universal ID type (ID)>
- Subcomponents of assigning facility: <namespace ID (IS)> & <universal ID (ST)> & <universal ID type (ID)>

HL7 XTN Data Type (Extended Telecommunication Number) (composite)
 [NNN] [(999)999-9999 [X999999] [B999999] [C any text] ^ <telecommunication use code (ID)> ^ <telecommunication equipment type (ID)> ^ <email address (ST)> ^ <country code (NM)> ^ <area/city code (NM)> ^ <phone number (NM)> ^ <extension (NM)> ^ <any text (ST)>

State Names (USPS)

State/Possession	Abbreviation
ALABAMA	AL
ALASKA	AK
AMERICAN SAMOA	AS
ARIZONA	AZ
ARKANSAS	AR
CALIFORNIA	CA
COLORADO	CO
CONNECTICUT	CT
DELAWARE	DE
DISTRICT OF COLUMBIA	DC
FEDERATED STATES OF MICRONESIA	FM
FLORIDA	FL
GEORGIA	GA
GUAM	GU
HAWAII	HI
IDAHO	ID
ILLINOIS	IL
INDIANA	IN
IOWA	IA
KANSAS	KS
KENTUCKY	KY
LOUISIANA	LA
MAINE	ME
MARSHALL ISLANDS	MH
MARYLAND	MD
MASSACHUSETTS	MA
MICHIGAN	MI
MINNESOTA	MN
MISSISSIPPI	MS
MISSOURI	MO
MONTANA	MT
NEBRASKA	NE
NEVADA	NV

NEW HAMPSHIRE	NH
NEW JERSEY	NJ
NEW MEXICO	NM
NEW YORK	NY
NORTH CAROLINA	NC
NORTH DAKOTA	ND
NORTHERN MARIANA ISLANDS	MP
OHIO	OH
OKLAHOMA	OK
OREGON	OR
PALAU	PW
PENNSYLVANIA	PA
PUERTO RICO	PR
RHODE ISLAND	RI
SOUTH CAROLINA	SC
SOUTH DAKOTA	SD
TENNESSEE	TN
TEXAS	TX
UTAH	UT
VERMONT	VT
VIRGIN ISLANDS	VI
VIRGINIA	VA
WASHINGTON	WA
WEST VIRGINIA	WV
WISCONSIN	WI
WYOMING	WY

Military "State"	Abbreviation
Armed Forces Africa	AE
Armed Forces Americas (except Canada)	AA
Armed Forces Canada	AE
Armed Forces Europe	AE
Armed Forces Middle East	AE
Armed Forces Pacific	AP

Canada Province Names (Canada Post)

Province or Territory – English	Abbreviation
Alberta	AB
British Columbia	BC
Manitoba	MB
New Brunswick	NB
Newfoundland and Labrador	NL
Northwest Territories	NT
Nova Scotia	NS
Nunavut	NU
Ontario	ON
Prince Edward Island	PE
Québec	QC
Saskatchewan	SK
Yukon	YT

ISO 3166 (English country name codes)

Country names	ISO 3166-1-alpha-2 code
A	
AFGHANISTAN	AF
ALAND ISLANDS	AX
ALBANIA	AL
ALGERIA	DZ
AMERICAN SAMOA	AS
ANDORRA	AD
ANGOLA	AO
ANGUILLA	AI
ANTARCTICA	AQ
ANTIGUA AND BARBUDA	AG
ARGENTINA	AR
ARMENIA	AM
ARUBA	AW
AUSTRALIA	AU
AUSTRIA	AT
AZERBAIJAN	AZ
B	
BAHAMAS	BS
BAHRAIN	BH
BANGLADESH	BD
BARBADOS	BB
BELARUS	BY
BELGIUM	BE
BELIZE	BZ
BENIN	BJ
BERMUDA	BM
BHUTAN	BT

BOLIVIA, PLURINATIONAL STATE OF	BO
BONAIRE, SAINT EUSTATIUS AND SABA	BQ
BOSNIA AND HERZEGOVINA	BA
BOTSWANA	BW
BOUVET ISLAND	BV
BRAZIL	BR
BRITISH INDIAN OCEAN TERRITORY	IO
BRUNEI DARUSSALAM	BN
BULGARIA	BG
BURKINA FASO	BF
BURUNDI	BI
C	
CAMBODIA	KH
CAMEROON	CM
CANADA	CA
CAPE VERDE	CV
CAYMAN ISLANDS	KY
CENTRAL AFRICAN REPUBLIC	CF
CHAD	TD
CHILE	CL
CHINA	CN
CHRISTMAS ISLAND	CX
COCOS (KEELING) ISLANDS	CC
COLOMBIA	CO
COMOROS	KM
CONGO	CG
CONGO, THE DEMOCRATIC REPUBLIC OF THE	CD
COOK ISLANDS	CK
COSTA RICA	CR
COTE D'IVOIRE	CI
CROATIA	HR

CUBA	CU
CURACAO	CW
CYPRUS	CY
CZECH REPUBLIC	CZ
D	
DENMARK	DK
DJIBOUTI	DJ
DOMINICA	DM
DOMINICAN REPUBLIC	DO
E	
ECUADOR	EC
EGYPT	EG
EL SALVADOR	SV
EQUATORIAL GUINEA	GQ
ERITREA	ER
ESTONIA	EE
ETHIOPIA	ET
F	
FALKLAND ISLANDS (MALVINAS)	FK
FAROE ISLANDS	FO
FIJI	FJ
FINLAND	FI
FRANCE	FR
FRENCH GUIANA	GF
FRENCH POLYNESIA	PF
FRENCH SOUTHERN TERRITORIES	TF
G	
GABON	GA
GAMBIA	GM
GEORGIA	GE
GERMANY	DE

GHANA	GH
GIBRALTAR	GI
GREECE	GR
GREENLAND	GL
GRENADA	GD
GUADELOUPE	GP
GUAM	GU
GUATEMALA	GT
GUERNSEY	GG
GUINEA	GN
GUINEA-BISSAU	GW
GUYANA	GY
H	
HAITI	HT
HEARD ISLAND AND MCDONALD ISLANDS	HM
HOLY SEE (VATICAN CITY STATE)	VA
HONDURAS	HN
HONG KONG	HK
HUNGARY	HU
I	
ICELAND	IS
INDIA	IN
INDONESIA	ID
IRAN, ISLAMIC REPUBLIC OF	IR
IRAQ	IQ
IRELAND	IE
ISLE OF MAN	IM
ISRAEL	IL
ITALY	IT
J	
JAMAICA	JM

JAPAN	JP
JERSEY	JE
JORDAN	JO
K	
KAZAKHSTAN	KZ
KENYA	KE
KIRIBATI	KI
KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF	KP
KOREA, REPUBLIC OF	KR
KUWAIT	KW
KYRGYZSTAN	KG
L	
LAO PEOPLE'S DEMOCRATIC REPUBLIC	LA
LATVIA	LV
LEBANON	LB
LESOTHO	LS
LIBERIA	LR
LIBYAN ARAB JAMAHIRIYA	LY
LIECHTENSTEIN	LI
LITHUANIA	LT
LUXEMBOURG	LU
M	
MACAO	MO
MACEDONIA, THE FORMER YUGOSLAV REPUBLIC OF	MK
MADAGASCAR	MG
MALAWI	MW
MALAYSIA	MY
MALDIVES	MV
MALI	ML
MALTA	MT
MARSHALL ISLANDS	MH

MARTINIQUE	MQ
MAURITANIA	MR
MAURITIUS	MU
MAYOTTE	YT
MEXICO	MX
MICRONESIA, FEDERATED STATES OF	FM
MOLDOVA, REPUBLIC OF	MD
MONACO	MC
MONGOLIA	MN
MONTENEGRO	ME
MONTSERRAT	MS
MOROCCO	MA
MOZAMBIQUE	MZ
MYANMAR	MM
N	
NAMIBIA	NA
NAURU	NR
NEPAL	NP
NETHERLANDS	NL
NEW CALEDONIA	NC
NEW ZEALAND	NZ
NICARAGUA	NI
NIGER	NE
NIGERIA	NG
NIUE	NU
NORFOLK ISLAND	NF
NORTHERN MARIANA ISLANDS	MP
NORWAY	NO
O	
OMAN	OM
P	

PAKISTAN	PK
PALAU	PW
PALESTINIAN TERRITORY, OCCUPIED	PS
PANAMA	PA
PAPUA NEW GUINEA	PG
PARAGUAY	PY
PERU	PE
PHILIPPINES	PH
PITCAIRN	PN
POLAND	PL
PORTUGAL	PT
PUERTO RICO	PR
Q	
QATAR	QA
R	
REUNION	RE
ROMANIA	RO
RUSSIAN FEDERATION	RU
RWANDA	RW
S	
SAINT BARTHELEMY	BL
SAINT HELENA, ASCENSION AND TRISTAN DA CUNHA	SH
SAINT KITTS AND NEVIS	KN
SAINT LUCIA	LC
SAINT MARTIN (FRENCH PART)	MF
SAINT PIERRE AND MIQUELON	PM
SAINT VINCENT AND THE GRENADINES	VC
SAMOA	WS
SAN MARINO	SM
SAO TOME AND PRINCIPE	ST
SAUDI ARABIA	SA

SENEGAL	SN
SERBIA	RS
SEYCHELLES	SC
SIERRA LEONE	SL
SINGAPORE	SG
SINT MAARTEN (DUTCH PART)	SX
SLOVAKIA	SK
SLOVENIA	SI
SOLOMON ISLANDS	SB
SOMALIA	SO
SOUTH AFRICA	ZA
SOUTH GEORGIA AND THE SOUTH SANDWICH ISLANDS	GS
SPAIN	ES
SRI LANKA	LK
SUDAN	SD
SURINAME	SR
SVALBARD AND JAN MAYEN	SJ
SWAZILAND	SZ
SWEDEN	SE
SWITZERLAND	CH
SYRIAN ARAB REPUBLIC	SY
T	
TAIWAN, PROVINCE OF CHINA	TW
TAJIKISTAN	TJ
TANZANIA, UNITED REPUBLIC OF	TZ
THAILAND	TH
TIMOR-LESTE	TL
TOGO	TG
TOKELAU	TK
TONGA	TO
TRINIDAD AND TOBAGO	TT

TUNISIA	TN
TURKEY	TR
TURKMENISTAN	TM
TURKS AND CAICOS ISLANDS	TC
TUVALU	TV
U	
UGANDA	UG
UKRAINE	UA
UNITED ARAB EMIRATES	AE
UNITED KINGDOM	GB
UNITED STATES	US
UNITED STATES MINOR OUTLYING ISLANDS	UM
URUGUAY	UY
UZBEKISTAN	UZ
V	
VANUATU	VU
VATICAN CITY STATE	see HOLY SEE
VENEZUELA, BOLIVARIAN REPUBLIC OF	VE
VIET NAM	VN
VIRGIN ISLANDS, BRITISH	VG
VIRGIN ISLANDS, U.S.	VI
W	
WALLIS AND FUTUNA	WF
WESTERN SAHARA	EH
Y	
YEMEN	YE
Z	
ZAMBIA	ZM
ZIMBABWE	ZW

HL7 Table 0001: Administrative (Phenotypic) Sex

(Note: Intersex and transsexual types have been added to this user-defined table in addition to the values suggested in HL7 v2.5.1)

Value	Description
A	Ambiguous
F	Female
M	Male
N	Not applicable
O	Other
U	Unknown
I	Intersex
MFT	Male-to-female transsexual
FMT	Female-to-male transsexual

HL7 Table 0005 (Race)

Value	Description
1002-5	American Indian or Alaska Native
2028-9	Asian
2054-5	Black or African American
2076-8	Native Hawaiian or Other Pacific Islander
2106-3	White
2131-1	Other Race

HL7 User Table 0063 (Relationship) (derived from v2.5)

Value	Description
ASC	Associate
BRO	Brother
CGV	Care giver
CHD	Child
DEP	Handicapped dependent
DOM	Life partner
EMC	Emergency contact

EME	Employee
EMR	Employer
EXF	Extended family
FCH	Foster child
FND	Friend
FTH	Father
GCH	Grandchild
GRD	Guardian
GRP	Grandparent
MGR	Manager
MTH	Mother
NCH	Natural child
NON	None
OAD	Other adult
OTH	Other
OWN	Owner
PAR	Parent
SCH	Stepchild
SEL	Self
SIB	Sibling
SIS	Sister
SPO	Spouse
TRA	Trainer
UNK	Unknown
WRD	Ward of court

Relative with Disease (Modified HL7 table 0063, derived from v2.5)

Value	Description
BRO	Brother
CSN	Cousin
EXF	Extended family
FTH	Father
FCS	First cousin

FCR	First cousin once removed
GCH	Grandchild
GRP	Grandparent
MTH	Mother
NCH	Natural child
NON	None
OTH	Other
PAR	Parent
SIB	Sibling
SIS	Sister
UNK	Unknown

HL7 Table 0163 (Yes/No Indicator)

Value	Description
N	No
Y	Yes

HL7 Table 0202 (Telecommunication Equipment Type) (amended)

Value	Description
PH	Telephone
FX	Fax
MD	Modem
CP	Cellular Phone
BP	Beeper
Internet	Internet Address
Mail	Postal mail

HL7 Table 0487 (Specimen Source)

Value	Description	Comment
ABS	Abscess	
PELVA	Abscess, Pelvic	Condition
PERIA	Abscess, Perianal	Condition, Abcess & Body Part
RECTA	Abscess, Rectal	Condition
SCROA	Abscess, Scrotal	Condition

Value	Description	Comment
SUBMA	Abscess, Submandibular	Condition
SUBMX	Abscess, Submaxillary	Condition
TSTES	Abscess, Testicular	Condition
AIRS	Air Sample	Environment
ALL	Allograft	Tissue
AMP	Amputation	Tissue
GASAN	Antrum, Gastric	Tissue
ASP	Aspirate	
ETA	Aspirate, Endotrach	Aspirate
GASA	Aspirate, Gastric	Aspirate
NGASP	Aspirate, Nasogastric	Aspirate
TASP	Aspirate, Tracheal	Aspirate
TTRA	Aspirate, Transtracheal	Aspirate
AUTP	Autopsy	Tissue
BX	Biopsy	Tissue
GSPEC	Biopsy, Gastric	Tissue
SKBP	Biopsy, Skin	Tissue
CONE	Biospy, Cone	Tissue
BITE	Bite	Conditions
CBITE	Bite, Cat	Conditions
DBITE	Bite, Dog	Conditions
HBITE	Bite, Human	Conditions
IBITE	Bite, Insect	Conditions
RBITE	Bite, Reptile	Conditions
BLEB	Bleb	Condition, Fluid/Tissue
BLIST	Blister	Condition, Fluid/Tissue
BBL	Blood Bag	Blood
BPU	Blood Product Unit	Blood
HBLUD	Blood, Autopsy	Blood
CSVR	Blood, Cell Saver	Transfusion
FBLOOD	Blood, Fetal	Blood
MBLD	Blood, Menstrual	Blood
WB	Blood, Whole	Blood
BOIL	Boil	Condition
BON	Bone	
BOWL	Bowel Contents	Condition
BRTH	Breath (use EXHLD)	
BRSH	Brush	Product; Brush or brushing (these may be two separate entries as in a physical brush or a portion thereof versus the substance obtained after a surface has been brushed)

Value	Description	Comment
EBRUSH	Brush, Esophageal	Product
BRUS	Brushing	Product
GASBR	Brushing, Gastric	Product
BUB	Bubo	Condition
BULLA	Bulla/Bullae	Condition
BRN	Burn	
CALC	Calculus (=Stone)	
CARBU	Carbuncle	Condition
CAT	Catheter	Device
CSITE	Catheter Insertion Site	Device
CTP	Catheter Tip	Device
ANGI	Catheter Tip, Angio	Device
ARTC	Catheter Tip, Arterial	Device
CVPT	Catheter Tip, CVP	Device
ETTP	Catheter Tip, Endotracheal	Device
FOLEY	Catheter Tip, Foley	Device
HEMAQ	Catheter Tip, Hemaquit	Device
HEMO	Catheter Tip, Hemovac	Device
IDC	Catheter Tip, Indwelling	Device
INTRD	Catheter Tip, Introducer	Device
IVCAT	Catheter Tip, IV	Device
MAHUR	Catheter Tip, Makurkour	Device
SCLV	Catheter Tip, Subclavian	Device
SPRP	Catheter Tip, Suprapubic	Device
SWGZ	Catheter Tip, Swan Gantz	Device
VASTIP	Catheter Tip, Vas	Device
VENT	Catheter Tip, Ventricular	Device
GROSH	Catheter, Groshong	Device
HIC	Catheter, Hickman	Device
PORTA	Catheter, Porta	Device
SPRPB	Catheter Tip, Suprapubic	Device
TLC	Catheter Tip, Triple Lumen	Device
CLIPP	Clippings	Condition
COL	Colostrum	
CNJT	Conjunctiva	
LENS1	Contact Lens	Device
LENS2	Contact Lens Case	Device
CYST	Cyst	
BCYST	Cyst, Baker's	Condition
ICYST	Cyst, Inclusion	Condition
PILOC	Cyst, Pilonidal	Condition
RENALC	Cyst, Renal	Condition
DIA	Dialysate	Condition

Value	Description	Comment
DISCHG	Discharge	Condition
DIV	Diverticulum	Condition
DRN	Drain	
DRN	Drain	Device
HEV	Drain, Hemovac	Device
GTUBE	Drainage Tube, Drainage (Gastrostomy)	Condition
GASD	Drainage, Gastric	Condition
ILEO	Drainage, Ileostomy	Condition
JP	Drainage, Jackson Pratt	Condition
JEJU	Drainage, Jejunal	Condition
NASDR	Drainage, Nasal	Condition
NGAST	Drainage, Nasogastric	Condition
PND	Drainage, Penile	Condition
DRNGP	Drainage, Penrose	Condition
RECT	Drainage, Rectal	Condition
SUMP	Drainage, Sump	Condition
DRNG	Drainage, Tube	Device
EARW	Ear Wax (cerumen)	
EFFUS	Effusion	Condition
ELT	Electrode	
AUTOC	Environment, Attest	Environment
ATTE	Environmental, Autoclave Ampule	Environment
AUTOC	Environmental, Autoclave Capsule	Environment
EFF	Environmental, Effluent	Environment
EEYE	Environmental, Eye Wash	Environment
EFOD	Environmental, Food	Environment
EISO	Environmental, Isolette	Environment
EOTH	Environmental, Other Substance	Environment; (Substance is known but not in code table)
ESOI	Environmental, Soil	Environment
ESOS	Environmental, Solution (Sterile)	Environment
SPS	Environmental, Spore Strip	Environment
STER	Environmental, Sterrad	Environment
ENVIR	Environmental, Unidentified Substance	Environment
WWA	Environmental, Water	Environment
DEION	Environmental, Water (Deionized)	Environment
WWT	Environmental, Water (Tap)	Environment
FAW	Environmental, Water (Well)	Environment
WVO	Environmental, Water (Ocean)	
EWHI	Environmental, Whirlpool	Environment
EXUDTE	Exudate	Condition

Value	Description	Comment
FLT	Filter	
FIST	Fistula	
FLUID	Fluid	Fluid
FGA	Fluid, Abdomen	Fluid
CSMY	Fluid, Cystostomy Tube	Fluid
ACNFLD	Fluid, Acne	Fluid
FLU	Fluid, Body Unsp	
CST	Fluid, Cyst	Fluid
HYDC	Fluid, Hydrocele	Fluid
IVFLD	Fluid, IV	Fluid
JNTFLD	Fluid, Joint	Fluid
KIDFLD	Fluid, Kidney	Fluid
LSAC	Fluid, Lumbar Sac	Fluid
FLD	Fluid, Other	Fluid
PCFL	Fluid, Pericardial	
RENC	Fluid, Renal Cyst	Fluid
FRS	Fluid, Respiratory	Fluid
SHUNF	Fluid, Shunt	Fluid
SNV	Fluid, Synovial (Joint Fluid)	
GAST	Fluid/Contents, Gastric	
FUR	Furuncle	Condition
GAS	Gas	
EXG	Gas, Exhaled (Breath)	
IHG	Gas, Inhaled	
GENV	Genital Vaginal	
GRAFT	Graft	Condition
GRAFT	Graft Site	Condition
POPGS	Graft Site, Popliteal	Condition
POPLG	Graft, Popliteal	Condition
GRANU	Granuloma	Condition
IMP	Implant	Device
INFIL	Infiltrate	Condition
INS	Insect	Object
IUD	Intrauterine Device	Device (Common Usage)
IT	Intubation Tube	
KELOI	Lavage	Product
LAVG	Lavage, Bronchial	Product
LAVGG	Lavage, Gastric	Product
LAVGP	Lavage, Peritoneal	Product
LAVPG	Lavage, Pre-Bronch	Product
LESN	Lesion	Condition
ORL	Lesion, Oral	Condition (Common Usage)
PENIL	Lesion, Penile	Condition (Common Usage)

Value	Description	Comment
LIQO	Liquid, Other	
LIQ	Liquid, Unspecified	
MASS	Mass	Condition
SMM	Mass, Sub-Mandibular	Condition
MUCOS	Mucosa	Condition
MUCUS	Mucus	Condition
NEDL	Needle	Device
NODUL	Nodule(s)	Condition
CYN	Nodule, Cystic	Condition
ORH	Other	
PACEM	Pacemaker	Device
PLAN	Plant Material	Object
PLAS	Plasma	Blood
PLB	Plasma Bag	Blood
PPP	Plasma, Platelet Poor	Blood
PRP	Plasma, Platelet Rich	Blood
POL	Polyps	Condition
PROST	Prosthetic Device	Device
PSC	Pseudocyst	Condition
PUS	Pus	
PUST	Pus	Condition
PUSFR	Pustule	Condition
QC3	Quality Control	Environment
RES	Respiratory	Condition (Ambiguous)
SAL	Saliva	
FSCLP	Scalp, Fetal	Condition
CSCR	Scratch, Cat	Condition
SECRE	Secretion(s)	Fluid/Secretion
NSECR	Secretion, Nasal	Condition
SER	Serum	
ASERU	Serum, Acute	Blood
CSERU	Serum, Convalescent	Blood
PLEVS	Serum, Peak Level	Blood
TSERU	Serum, Trough	Blood
SHUNT	Shunt	Condition
EXS	Shunt, External	Condition
SITE	Site	Site
CVPS	Site, CVP	Site
INCI	Site, Incision/Surgical	Site
NGS	Site, Naso/Gastric	Site
NEPH	Site, Nephrostomy	Site
PIS	Site, Pacemaker Insertion	Site
PDSIT	Site, Peritoneal Dialysis	Site

Value	Description	Comment
PDTS	Site, Peritoneal Dialysis Tunnel	Site
PINS	Site, Pin	Site
POPLV	Site, Popliteal Vein	Site
SHU	Site, Shunt	Site
TRAC	Site, Tracheostomy	Site
SKN	Skin	
TZANC	Smear, Tzanck	
GSOL	Solution, Gastrostomy	Product
ILLEG	Source of Specimen Is Illegible	
OTH	Source, Other	
UDENT	Source, Unidentified	
USPEC	Source, Unspecified	
SPRM	Spermatozoa	
SPT	Sputum	
SPTC	Sputum - Coughed	
SPTT	Sputum - Tracheal Aspirate	
DCS	Sputum, Deep Cough	Condition
SPUTIN	Sputum, Inducted	Condition
SPUT1	Sputum, Simulated	Condition
SPUTSP	Sputum, Spontaneous	Condition
STONE	Stone, Kidney	Condition
STL	Stool = Fecal	
SUP	Suprapubic Tap	Product
SUTUR	Suture	Object
TISS	Tissue	
TISU	Tissue, Ulcer	
ACNE	Tissue, Acne	Tissue
HERNI	Tissue, Herniated	Tissue
SCAR	Tissue, Keloid (Scar)	Tissue
TRANS	Transudate	Condition
ETTUB	Tube, Endotracheal	Device
GT	Tube, Gastric	Device
TUBES	Tubes	Device
IVTIP	Tubing Tip, IV	Device
TUMOR	Tumor	Condition
DEC	Ulcer, Decubitus	Condition
UR	Urine	
URT	Urine Catheter	
URC	Urine Clean Catch	
URINB	Urine, Bladder Washings	Condition
URINC	Urine, Catheterized	Condition
USCOP	Urine, Cystoscopy	Condition
URINM	Urine, Midstream	Condition

Value	Description	Comment
URINN	Urine, Nephrostomy	Condition
URINP	Urine, Pedibag	Device
RANDU	Urine, Random	Condition
VITF	Vitreous Fluid	
VOM	Vomitus	
WRT	Wart	Tissue
WASH	Wash	Product
WASI	Washing, e.g., Bronchial Washing	Product
WAT	Water	
WEN	Wen	Tissue
WICK	Wick	
WORM	Worm	Object
WND	Wound	
WNDA	Wound Abscess	
WNDD	Wound Drainage	
WNDE	Wound Exudate	
PUNCT	Wound, Puncture	Condition