

Circulating Tumor Cell Assay NCI Publications

LHTP003.8.1

 **γ H2AX IMMUNOFLUORESCENCE ASSAY FOR CIRCULATING
TUMOR CELLS USING THE CELLSEARCH SYSTEM**[Histone \$\gamma\$ H2AX and poly\(ADP-ribose\) as clinical pharmacodynamic biomarkers](#)

Redon CE, Nakamura AJ, Zhang YW, Ji JJ, Bonner WM, Kinders RJ, Parchment RE, Doroshow JH, Pommier Y. 2010. Clinical Cancer Research 16(18). p. 4532-42. PMID: 20823146.

[Monitoring drug-induced \$\gamma\$ H2AX as a pharmacodynamic biomarker in individual circulating tumor cells.](#)

L. Wang, T. Pfister, R.E. Parchment, S. Kummar, L. Rubinstein, Y.A. Evrard, M.E. Gutierrez, A.J. Murgo, J.E. Tomaszewski, J.H. Doroshow, and R.J. Kinders. 2010. Clinical Cancer Research. 2010. 16(3):1073-84. PMID: 20103672

[Use of circulating tumor cells to monitor pharmacodynamic responses of patients in early stage clinical trials.](#)

R.J. Kinders, L. Wang, S. Kummar, et al. 2010.. AACR Annual Meeting 2010:Abstract LB-286.