

## Topoisomerase I Immunoassay

### NCI Publications

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[Development and Validation of an Immunoassay for Initial Target Engagement of Topoisomerase I in Mouse Xenografts for Use in Preclinical Modeling and Clinical Trials](#)

Pfister TD, Hollingshead M, Kinders RJ, Zhang Y, Evrard YA, Ji J, Khin SA, Borgel S, Stotler H, Carter J, Divelbiss R, Kummar S, Pommier Y, Parchment RE, Tomaszewski JE, Doroshow JH. 2012. PLoS ONE 7(12). e50494. PMID: 23284638

[Development of a validated immunofluorescence assay for  \$\gamma\$ H2AX as a pharmacodynamic marker of topoisomerase I inhibitor activity](#)

Kinders RJ, Hollingshead M, Lawrence S, Ji J, Tabb B, Bonner WM, Pommier Y, Rubinstein L, Evrard YA, Parchment RE, Tomaszewski J, Doroshow JH; National Cancer Institute Phase 0 Clinical Trials Team. 2010. Clinical Cancer Research 16(22). p. 5447-57. PMID: 20924131

[Topoisomerase I levels in the NCI-60 cancer cell line panel determined by validated ELISA and microarray analysis and correlation with indenoisoquinoline sensitivity](#)

Pfister TD, Reinhold WC, Agama K, Gupta S, Khin SA, Kinders RJ, Parchment RE, Tomaszewski JE, Doroshow JH, Pommier Y. 2009. Molecular Cancer Therapeutics 8(7). p. 1878-84. PMID: 19584232