



Product name:	WST-1 Cell Proliferation Kit Ready-to-use
Cat. No.:	850813.1 (1 x 10 ml) (WST-1.CTLL1508.1) 850813.2 (1 x 25 ml) (WST-1.CTLL1508.2) 850813.3 (4 x 25 ml) (WST-1.CTLL1508.3)
Quantity:	1x 10 ml sufficient for 1.000 assays 1x 25 ml sufficient for 2.500 assays 4x 25 ml sufficient for 10.000 assays
Components:	WST-1 reagent and electron mediator in buffer solution
Description:	The WST-1 cell proliferation Kit provides an easy, fast and accurate method to determine the proliferation of cells and cell lines. The quantification is based on the cleavage of the water-soluble tetrazolium salt WST-1 to the formazan dye by viable cells only. An increase in the number of viable cells leads to an increase of produced formazan dye, which can be quantified by determining the absorbance at 420-480 nm. This absorbance strongly correlates with the number of viable cells.
Application:	<ul style="list-style-type: none">▪ Measurement of the proliferative response of various cell types to cytokines, growth factors, mitogens, nutrients and more.▪ Analysis of the impact of cytotoxic and cytostatic substances such as drugs or other pharmaceutical agents.▪ Screening of cell growth inhibitors, e.g. antibodies, physiological mediators and more.
Storage:	Store at -20°C. To avoid repeated freeze-thaw cycles, aliquot solution (1 ml is sufficient for one 96-well microplate). If stored accordingly the WST-1-CTLL-2 cell proliferation kit is stable for at least 6 months.
References:	Berridge, M. V., Herst, P. M. & Tan, A. S. Tetrazolium dyes as tools in cell biology: New insights into their cellular reduction. <i>Biotechnol. Annu. Rev.</i> 11, 127–152, 2005.

Additional Products:

Recombinant Human Interleukin-2

i2Cult IL-2 Complete Medium - for the cultivation of IL-2 dependent cells

i2Cult-CTLL-2 Complete Medium - for the cultivation of CTLL-2 cells

WST-1-CTLL-2 cell proliferation Kit (ready-to-use)

Manufactured by:	Immunservice GmbH
Distributed by:	CLS Cell Lines Service GmbH
Important note:	This product is intended for research use only, not for use in human, therapeutic or diagnostic applications.