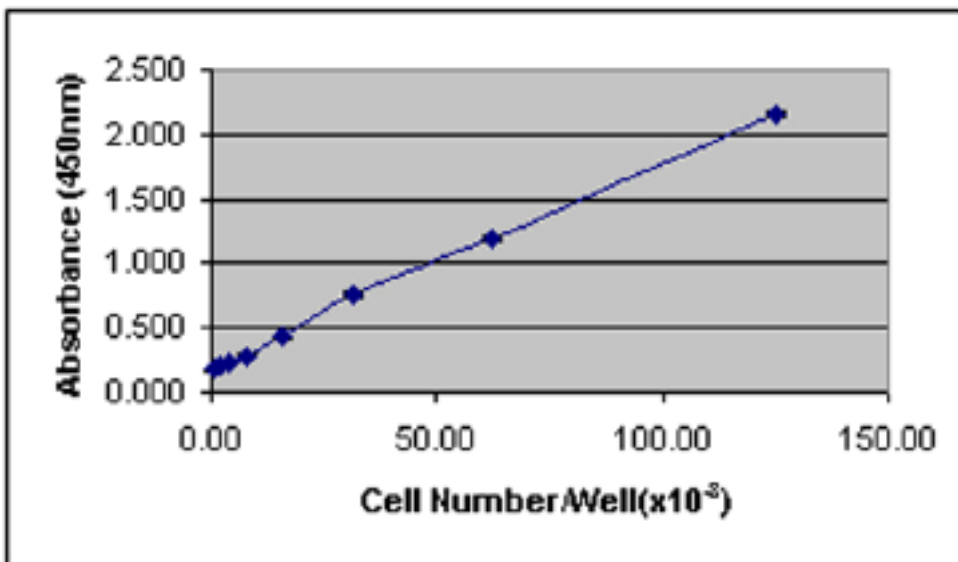


BioChain Institute, Inc.

Cell-based Assay Kits

* WST-1 Cell Proliferation Assay Kit



Effect of cell number on absorbance at 450 nm measured using BioChain's WST-1 Cell Proliferation Assay Kit

Various numbers of K562 cells were added to the wells of a 96-well plate in 100 μ l of DMEM supplemented with 10% FBS. The medium was allowed to equilibrate at 37°C, 5% CO₂ for 30 min. 10 μ l of 1:1 mixture of WST-1 solution and Electron Coupling Solution was added to the wells. Incubate the reaction for 2 hr at 37°C, 5% CO₂ atmosphere. The absorbance at 450 nm was measured using an ELISA plate reader (reference wavelength 620 nm). Each point represents the mean \pm SD of 4 replicates. The correlation coefficient of the line was 0.996.

Cell-based Assay Kits

*Cell Proliferation and Cytotoxicity (Analysis)

Gene Expression (Analysis)

Mitochondrial Activity (Analysis)

Phosphatase (Analysis)

- Easy to use
- Sensitive and Accurate
- Non-Radioactive and Safe



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www.biochain.com

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BioAssay Kits

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Gene Expression (Analysis)

Mitochondrial Activity (Analysis)

Phosphatase (Analysis)

Applications

Cell proliferation

Cell toxicity

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Cell damage

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