



## SRB Cell Proliferation & Cytotoxicity Assay Kit

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Sulforhodamine B (SRB) colorimetry is mainly used to detect cell proliferation. SRB is a pink anionic dye, easily soluble in water, and can specifically bind to the basic amino acids that make up proteins in cells under acidic conditions. The absorption peak is generated at 515nm wavelength, and the absorption value is linearly positive correlated with the number of cells, so it can be used for quantitative detection of cell number.

SRB staining is not as easy to discolor as MTT method, and cells can be placed in the 96-well plate for a longer time after fixed staining, so it is less affected by the determination time. SRB dissolved in Tris solution can also be stable for a longer time. Therefore, 96-well cell culture plates fixed at different time points can be measured at the same time, and the measured light absorption value results will not be significantly affected. When the absorption value is plotted with the SRB concentration, it is linear below the OD 1.5-2.0. When it exceeds the linear range, it is best to re-read after dilution. Although the SRB method is more complicated than other detection methods, it is suitable for high-throughput screening because the time can be mastered by oneself and is not limited.

Catalog No.	520212
Size	100 Assays / 500 Assays
Product Category	Cell Detection
Kit Components	1. Fixative solution: 10mL / 50mL / 2. Dye solution 10mL / 50mL 3. Washing solution-1: 60mL / 300mL 4. Washing solution-2: 100mL / 500mL 5. Dissolving solution: 20mL / 100mL
Storage/Stability	2 ~ 8°C/1 year
Shipping	Ambient