

Neutral Red Staining Solution (Specific For Live Cells)

Cat #: A-CSH310

Size: 100mL

Storage: Room temperature, avoid light (12 months)

Product Composition

Component	Size	Store at
Neutral red staining solution (special for live cells)	100ml	10~30°C, and were protected from light

Product Description

Neutral red is a weakly alkaline pH indicator that changes color within the pH range of 6.4 to 8.0 (from red to yellow). In a neutral or slightly alkaline environment, living plant cells can absorb a large amount of neutral red and secrete it into vacuoles. Neutral red staining solution (specific for live cells) is neutral and commonly used in tissue or cell staining to color the cell nuclei red. The nucleic acids and lysosomes in the cell nucleus are acidic, so the cell nucleus is stained red.

Usage

1. Sample preparation: Remove the cell culture medium and wash once with PBS or physiological saline.
2. Neutral red staining: Discard the PBS and add an appropriate amount of neutral red staining solution (specific for live cells) to completely cover the cell staining.
3. Wash once with PBS or physiological saline and immediately observe or take photographs.

Staining Results

nucleus	red
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Notes

1. Prolonged storage of neutral red staining solution may result in a small amount of precipitation, which can be filtered using filter paper before use.
2. It is recommended to perform a preliminary experiment using 1-2 samples when using this reagent for the first time.
3. The staining time can be adjusted based on the staining results and requirements.
4. For your safety and health, please wear lab attire and disposable gloves while handling.

Disclaimer

The reagent is only used in the field of scientific research, not suitable for clinical diagnosis or other purposes.