

## TBS Buffer

### Description:

Tris Buffered Saline (TBS) is a widely used buffer solution in molecular biology and biochemical research. It is composed of Tris (tris(hydroxymethyl)aminomethane) and saline (sodium chloride). The formulation of TBS as a 10X concentrate provides researchers with a convenient means of preparation, allowing for dilution to the necessary concentration as required by specific experimental conditions. It is also available in a ready-to-use 1X formulation.

TBS is extensively used in immunological assays such as Western blotting, enzyme-linked immunosorbent assays (ELISA), and immunostaining protocols. Its role in these applications is crucial as it serves to wash away excess materials (like unbound antibodies) without disrupting the binding of antibodies to their specific antigens. This property ensures that non-specific binding is minimized, enhancing the clarity and specificity of the detection and visualization processes in these assays.

- **Ready to dilute and ready to use** – 1X and 10X concentrated formulations are available
- **Reduced preparation time** – no reagents to weigh and filter
- **Quality-controlled reagent** – reproducible results

### For Orders:

Catalog Number	Product	Size
NB001508500	TBS Buffer, 1X	500 mL
NB001508102	TBS Buffer, 1X	1 L
NB001509100	TBS Buffer, 10X	100 mL
NB001509500	TBS Buffer, 10X	500 mL
NB001509102	TBS Buffer, 10X	1 L