

EDTA 0.5M, pH 8.0

(Molecular Biology Grade)

Ordering info

TBB0350, EDTA 0.5M, pH 8.0, 100 mL

TBB0351, EDTA 0.5M, pH 8.0, 500 mL

TBB0352, EDTA 0.5M, pH 8.0, 4x 100 mL

Description

EDTA 0.5M, pH 8.0 is an excellent solution to use as chelating agent of divalent cations, such as Ca^{2+} and Mg^{2+} . EDTA solution is prepared with molecular biology grade water, filtered using a 0.2 micron filter, and filled into sterile bottles.

Storage

Store at 25 °C. Stable for 1 year.

Features

- Sterile.
- pH=8.0 ± 0.05.
- Colorless solution.

Quality Control

- pH tested.
- DNase/ RNase activity not detected.

Applications

- Molecular biology.
- Preparation of solutions and buffers.
- Prevents enzymatic activity of enzymes which required divalent cations as cofactor.
- Titration of chemical elements.

Also available:

WATER, nuclease free (TBB0300, TBB0301)

TBS-T Buffer 20x pH 7.6 (TBB0343, TBB0344)

Tris-Glycine Buffer 10x pH 8.3 (TBB0333, TBB0334)

EDTA 0,5M, pH 8,0

(Grado Biología Molecular)

Referencias

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TBB0352, EDTA 0,5M, pH 8,0, 4x 100 mL

Descripción

EDTA 0,5M, pH 8,0 es una solución excelente para usar como agente quelante de cationes divalentes tales como el Ca^{2+} and Mg^{2+} . La solución de EDTA está preparada con agua grado biología molecular y filtrada usando un filtro de 0,2 μm .

Almacenaje

Conservar a 25°C.

Características

- Estéril.
- $\text{pH}=8,0 \pm 0,05$.
- Solución incolora.

Quality Control

- Medición de pH.
- Actividad DNasa/ RNasa: no detectada.

Aplicaciones

- Biología molecular.
- Preparación de soluciones y buffers.
- Evita la actividad enzimática de enzimas que requieren iones divalentes como cofactor.
- Valoración de compuestos químicos.

También disponemos de:

WATER, nuclease free (TBB0300, TBB0301)

TBS-T Buffer 20x pH 7,6 (TBB0343, TBB0344)

Tris-Glycine Buffer 10x pH 8,3 (TBB0333, TBB0334)