

Product: Urease, recombinant
Catalog #: 12-4308
Amount: 1 mg

DESCRIPTION: Recombinant Urease (rUrease)
SOURCE: *Escherichia Coli* expression system
PURITY: > 95%, as determined by:
(a) Analysis by RP-HPLC
(b) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel
ENDOTOXIN: Less than 0.1 ng/μg (IEU/μg) of rUrease
DIMERS & AGGREGATES: Less than 1% as determined by silver stained SDS-PAGE gel analysis
PROTEIN CONTENT: Protein quantitation was carried out by 2 independent methods:
- UV spectroscopy at 280 nm
- Analysis by RP-HPLC, using a standard solution of Urease as a Reference Standard
FORM: Purified, in 345μg Potassium Phosphate and 25μg EDTA Na₂
STORAGE: -20°C (aliquot), avoid freezing and thawing cycles
BIOLOGICAL ACTIVITY: rUrease is fully biologically active when compared to standard.
The specific activity for this batch was found to be 219IU/mg.

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