Total Protein Assay Kit

Cat. No. Kit-0731 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Total Protein Assay Kit is used for quantitative determination of total protein using colourmetric methods.
Description	Total protein concentration can be determined by several methods. However, protein dye-binding procedures are simple, reliable, rapid, readily automated and are becoming increasingly popular in assessing renal and blood brain barrier functions.Total Protein Assay Kit is based on an improved pyrogallol red-molybdate protein dye-binding assay. The color intensity at 600nm is directly proportional to the total protein concentration in the sample. This single reagent can be used for the quantitative determination of total protein in urine (proteinuria) and cerebrospinal fluid (blood brain barrier).
Applications	Determination of total protein in biological samples (e.g. urine, CSF).
Usage	For research use only (RUO)
Storage	This product is shipped at room temperature. Store kit at 2-8°C. Shelf life of 12 months after receipt.
Kit Components	Reagent 200 mLStandard (100 mg/dL) 1 mL*For 96-well plate: 1000 assays*For cuvette: 200 assays
Detection method	Colorimetric
Compatible Sample	Biological samples

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Types	
Features & Benefits	Fast and sensitive. Assay takes 10 min. Linear detection range of 5 – 200 mg/dL protein.Robust and Reliable. Substances in urine have minimal interference (< 2%).Convenient and high-throughput. Homogeneous "mix-incubate-measure" type assay. Can be readily automated on HTS liquid handling systems for processing thousands of samples per day.

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