

General Hydroxyproline Assay Kit

Hydroxyproline Microplate Assay Kit

CATALOG # AAA27829	REACTIVITY General	APPLICATIONS Functional Assay
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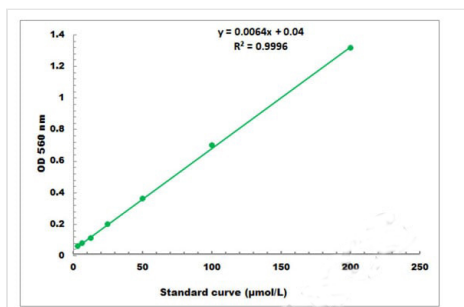
PRODUCT SYNONYMS

Hydroxyproline; Hydroxyproline Microplate Assay Kit; Hypro; Hydroxyproline assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Urine, Serum, Plasma, Tissue extracts, Cell lysate, Cell culture media and Other biological fluids Samples
Detection Range	2 umol/L - 200 umol/L
Applicable Applications for Hydroxyproline assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Hydroxyproline assay kit

Background: Hydroxyproline (4-hydroxyproline) is a common non-proteinogenic amino acid. It is found only in collagen and elastin in mammals but exists in a number of other proteins in plants. Hydroxyproline is formed only as a post-translational modification in the peptide chain and proline hydroxylase does not hydroxylate free proline. Hydroxyproline in tissue hydrolysates is a direct measure of the amount of collagen or gelatin present. A variety of disease states are believed to affect collagen turnover and can cause elevated serum or urine hydroxyproline. Such conditions range from neoplastic, inflammatory, renal or bone disease to endocrine and autoimmune disorders. Hydroxyproline Microplate Assay Kit is a simple and sensitive assay to detect small amounts of hydroxyproline in a variety of samples. HYP may react with Chloramine T and DMAB. The products can be measured at a colorimetric readout at 560 nm.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.