

Hydroxyproline (HYP) Assay Kit | HYP assay kit

Hydroxyproline (HYP) Colorimetric Assay Kit

CATALOG #
AAA178083

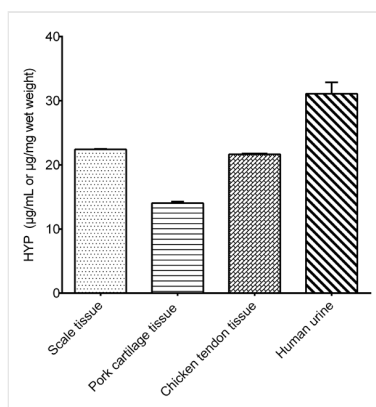
PRODUCT SYNONYMS

Hydroxyproline (HYP); Hydroxyproline (HYP) Colorimetric Assay Kit; HYP assay kit

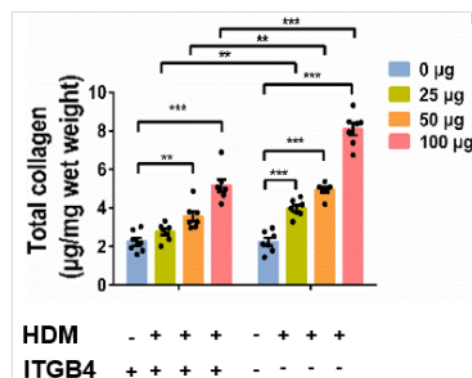
PRODUCT SPECIFICATIONS

Form/Format	6 mol/L Hydrochloric acid, Concentrated hydrochloric acid (12 mol/L), N-propyl alcohol
Samples	Serum, animal tissue and urine samples
Detection Range	0.04-10ug/mL
Sensitivity	0.04ug/mL
Intra-assay Precision	1.2
Inter-assay Precision	4.4
Preparation and Storage	Store at 2-8 degree C

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for HYP assay kit

Background: Hydroxyproline (HYP), one of the sub-amino acids and the main components of collagen tissue, is the unique amino acid in collagen. Collagen tissue is mostly distributed in skin, tendon, blood vessel, cartilage and connective tissue of human body. Many diseases can be accompanied by changes in collagen metabolism, resulting in changes in the content of HYP in blood, urine and tissues. The measurement of HYP can be used to judge the catabolism of connective tissue and the degree of fibrosis in the body.

Principle of the Assay: The sample is hydrolyzed to generate free HYP, and hydroxyproline can produce oxidation product under the action of oxidizing agent. The generated oxidation product can react with chromogenic agent to produce burgundy. The concentration of hydroxyproline can be calculated by measuring the OD value at 558nm.

Product Categories/Family for HYP assay kit

Metabolism assay kit; Amino acids and proteins

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.

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Online datasheet: <https://stage.aaabiotech.com/assay-kits/hydroxyproline-hyp/178083>