

Human Dipeptidyl Peptidase 7 (DPP7) ELISA Kit | DPP7 elisa kit

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CATALOG #
AAA140593

REACTIVITY
Human

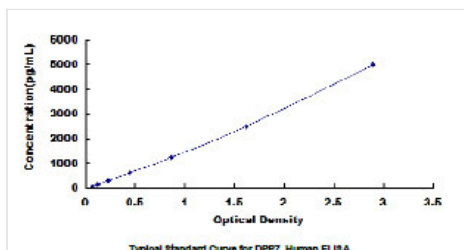
PRODUCT SYNONYMS

Dipeptidyl Peptidase 7 (DPP7); Human Dipeptidyl Peptidase 7 (DPP7) ELISA Kit; DPP2; DPPII; QPP; Dipeptidylpeptidase 7; DPP7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DPP7. No significant cross-reactivity or interference between DPP7 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between DPP7 and all the analogues, therefore, cross reaction may still exist.
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Seminal plasma, Tissue homogenates and other biological fluids
Detection Range	78-5000pg/mL
Sensitivity	34pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level DPP7 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level DPP7 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DPP7 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of DPP7 in human serum, plasma, seminal plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to DPP7. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to DPP7. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain DPP7, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of DPP7 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for DPP7 elisa kit	Enzyme & Kinase

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/human-elisa-kits/dipeptidyl-peptidase-7-dpp7/140593>