

Dipeptidyl Peptidase IV (DPP4) Assay Kit | DPP4 assay kit

Dipeptidyl Peptidase IV (DPP4) Activity Assay Kit

CATALOG #
AAA178109

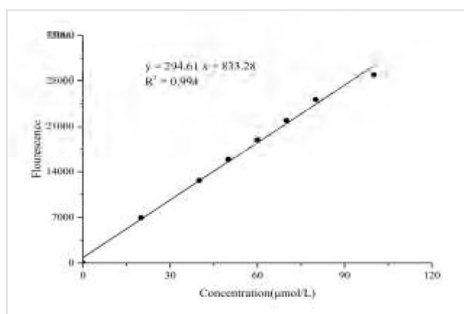
PRODUCT SYNONYMS

Dipeptidyl Peptidase IV (DPP4); Dipeptidyl Peptidase IV (DPP4) Activity Assay Kit; DPP4 assay kit

PRODUCT SPECIFICATIONS

Specificity	96T (Can detect 40 samples without duplication)
Samples	Serum, plasma, and tissue and cell samples
Detection Range	0.92-3.77 U/L
Sensitivity	0.92 U/L
Intra-assay Precision	The intra-assay CV is 0.6%.
Inter-assay Precision	The inter-assay CV is 5.7%.
Preparation and Storage	Store at -20 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DPP4 assay kit	Principle of the Assay: Dipeptidyl Peptidase IV(DPP4), also known as CD26, is a kind of serine protease, can decompose the second N-terminal proline or alanine residue of the peptide chain. In organisms, dipeptidyl peptidase can rapidly decompose incretin, which can stabilize insulin level and promote the reduction of blood glucose level in organisms. The detection principle of this kit is that DPP4 can decompose the substrate and release the fluorescent substance AMC, and the activity of this enzyme can be inhibited by adding DPP4 inhibitor. The activity of DPP4 could be calculated by the difference of fluorescence value before and after inhibition.
Product Categories/Family for DPP4 assay kit	Metabolism assay kit; Enzymes

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.