

Human DPPA4 (Developmental pluripotency-associated protein 4) ELISA Kit | DPPA4 elisa kit

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CATALOG #
AAA249716

REACTIVITY
Human

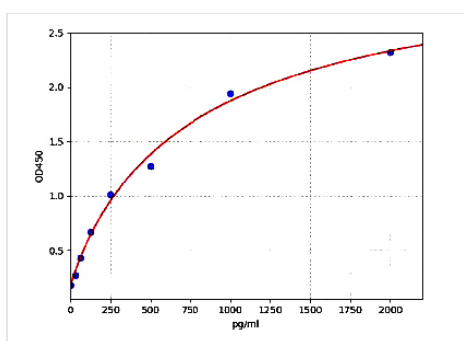
PRODUCT SYNONYMS

DPPA4 (Developmental pluripotency-associated protein 4); Human DPPA4 (Developmental pluripotency-associated protein 4) ELISA Kit; Developmental pluripotency-associated protein 4; DPPA4; DPPA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of DPPA4. No significant cross-reactivity or interference between DPPA4 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DPPA4 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	144953903
NCBI GeneID	55211
NCBI Accession #	NP_060659.3
NCBI GenBank Nucleotide #	NM_018189.3
UniProt Accession #	Q7L190; Q9H9N5; Q9NVI6; A8K4M7
Molecular Weight	33,541 Da
NCBI Official Full Name	developmental pluripotency-associated protein 4
NCBI Official Synonym Full Names	developmental pluripotency associated 4
NCBI Official Symbol	DPPA4
NCBI Official Synonym Symbols	2410091M23Rik
NCBI Protein Information	developmental pluripotency-associated protein 4
UniProt Protein Name	Developmental pluripotency-associated protein 4
UniProt Gene Name	DPPA4
UniProt Entry Name	DPPA4_HUMAN

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.