

Mouse Pituitary-specific positive transcription factor 1 (POU1F1) ELISA Kit | POU1F1 elisa kit

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CATALOG # AAA27104	REACTIVITY Mouse
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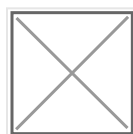
PRODUCT SYNONYMS

Pituitary-specific positive transcription factor 1 (POU1F1); Mouse Pituitary-specific positive transcription factor 1 (POU1F1) ELISA Kit; POU1F1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for POU1F1 elisa kit	Intended Uses: This POSTN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine POSTN. This ELISA kit for research use only! Principle of the Assay: POSTN ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-POSTN antibody and an POSTN-HRP conjugate. The assay sample and buffer are incubated together with POSTN-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the POSTN concentration since POSTN from samples and POSTN-HRP conjugate compete for the anti-POSTN antibody binding site. Since the number of sites is limited, as more sites are occupied by POSTN from the sample, fewer sites are left to bind POSTN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The POSTN concentration in each sample is interpolated from this standard curve.
Product Categories/Family for POU1F1 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505955
NCBI GeneID	5449

NCBI Accession #	NP_000297.1
NCBI GenBank Nucleotide #	NM_000306.3
Molecular Weight	35,669 Da
NCBI Official Full Name	pituitary-specific positive transcription factor 1 isoform alpha
NCBI Official Synonym Full Names	POU class 1 homeobox 1
NCBI Official Symbol	POU1F1
NCBI Official Synonym Symbols	PIT1; CPHD1; GHF-1; Pit-1; POU1F1a
NCBI Protein Information	pituitary-specific positive transcription factor 1; growth hormone factor 1; POU domain, class 1, transcription factor 1
UniProt Protein Name	Pituitary-specific positive transcription factor 1
UniProt Gene Name	POU1F1
UniProt Synonym Gene Names	GHF1; PIT1; PIT-1; GHF-1
UniProt Entry Name	PIT1_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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/pituitary-specific-positive-transcription-factor-1-pou1f1/27104>