

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

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CATALOG # AAA245738	REACTIVITY Rabbit
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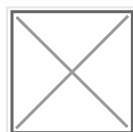
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of POU1F1. No significant cross-reactivity or interference between POU1F1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between POU1F1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 pg/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 POU1F1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit POU1F1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: POU1F1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-POU1F1 antibody and an POU1F1-HRP conjugate. The assay sample and buffer are incubated together with POU1F1-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 POU1F1 concentration since POU1F1 from samples and POU1F1-HRP conjugate compete for the anti-POU1F1 antibody binding site. Since the number of sites is limited, as more sites are occupied by POU1F1 from the sample, fewer sites are left to bind POU1F1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The POU1F1 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/rabbit-elisa-kits/pituitary-specific-positive-transcription-factor-1-pou1f1/245738>