

Human POU domain, class 2, transcription factor 2 ELISA Kit | POU2F2 elisa kit

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CATALOG #
AAA100268

REACTIVITY
Human

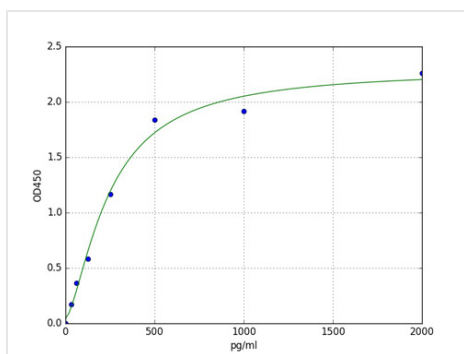
PRODUCT SYNONYMS

POU domain; class 2; transcription factor 2; Human POU domain; transcription factor 2 ELISA Kit; POU2F2/POU domain; transcription factor 2/Octamer Binding Transcription Factor 2/OCT2/OTF2/Oct-2/OTF-2/Lymphoid-restricted immunoglobulin octamer-binding protein NF-A2/Octamer-binding protein 2; POU2F2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	463
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
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



Typical Data & Standard Curve

Results of a typical standard run of a Human POU2F2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.024	0.566	0.886	1.304	1.707	1.938	2.012	2.100

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for POU2F2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human POU2F2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human POU2F2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human POU2F2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human POU2F2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505959
NCBI GeneID	5452
NCBI Accession #	NP_002689.1
NCBI GenBank Nucleotide #	NM_002698.4
Molecular Weight	62,172 Da
NCBI Official Full Name	POU domain, class 2, transcription factor 2 isoform 2
NCBI Official Synonym Full Names	POU class 2 homeobox 2
NCBI Official Symbol	POU2F2
NCBI Official Synonym Symbols	OCT2; OTF2; Oct-2
NCBI Protein Information	POU domain, class 2, transcription factor 2
UniProt Protein Name	POU domain, class 2, transcription factor 2
UniProt Gene Name	POU2F2
UniProt Synonym Gene Names	OCT2; OTF2; Oct-2; OTF-2
UniProt Entry Name	PO2F2_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/pou2f2-human-elisa-kits/pou-domain-class-2-transcription-factor-2/100268>