

Human POU domain, class 3, transcription factor 2 ELISA Kit | POU3F2 elisa kit

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CATALOG #
AAA191588

REACTIVITY
Human

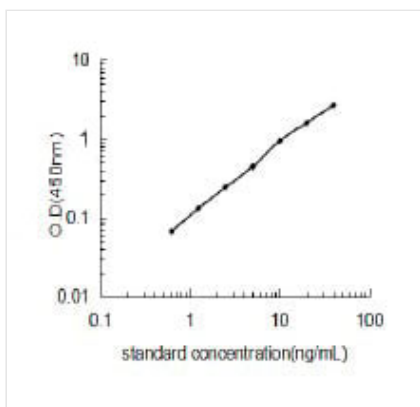
PRODUCT SYNONYMS

POU domain; class 3; transcription factor 2; Human POU domain; transcription factor 2 ELISA Kit; Brain-specific homeobox/POU domain protein 2; Brain-2; Brn-2; Nervous system-specific octamer-binding transcription factor N-Oct-3; POU3F2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human POU domain, class 3, transcription factor 2
Sequence Length	443
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.625-40 ng/mL
Sensitivity	< 0.314 ng/mL
Intra-assay Precision	<=5.7%
Inter-assay Precision	<=7.0%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for POU3F2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	51702521
NCBI GeneID	5454
NCBI Accession #	NP_005595.2
NCBI GenBank Nucleotide #	NM_005604.3
UniProt Accession #	P20265; Q14960; Q86V54; Q9UJL0
Molecular Weight	26,841 Da
NCBI Official Full Name	POU domain, class 3, transcription factor 2
NCBI Official Synonym Full Names	POU class 3 homeobox 2
NCBI Official Symbol	POU3F2
NCBI Official Synonym Symbols	BRN2; OCT7; OTF7; OTF-7; POUF3; brn-2; oct-7; N-Oct3
NCBI Protein Information	POU domain, class 3, transcription factor 2
UniProt Protein Name	POU domain, class 3, transcription factor 2
UniProt Gene Name	POU3F2
UniProt Synonym Gene Names	BRN2; OCT7; OTF7; Brain-2; Brn-2; Oct-7; OTF-7
UniProt Entry Name	PO3F2_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/pou3f2-human-elisa-kits/pou-domain-class-3-transcription-factor-2/191588>