

Human Phosphorylated Smad 3 (pSmad3) ELISA Kit | pSmad3 elisa kit

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CATALOG #
AAA55289

REACTIVITY
Human

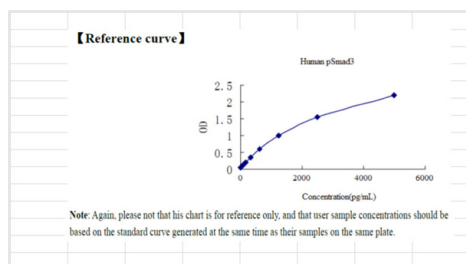
PRODUCT SYNONYMS

Phosphorylated Smad 3 (pSmad3); Human Phosphorylated Smad 3 (pSmad3) ELISA Kit; pSmad3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Sequence Length	382
Assay Type	Sandwich
Detection Range	5000 pg/mL-78 pg/mL
Sensitivity	Up to 20 pg/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for pSmad3 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human pSmad3 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

8394012

NCBI GeneID	24666
NCBI Accession #	NP_058734.1
NCBI GenBank Nucleotide #	NM_017038.1
Molecular Weight	42,417 Da
NCBI Official Full Name	protein phosphatase 1A
NCBI Official Synonym Full Names	protein phosphatase, Mg2+/Mn2+ dependent, 1A
NCBI Official Symbol	Ppm1a
NCBI Official Synonym Symbols	Pp2c1
NCBI Protein Information	protein phosphatase 1A; IA; PP2C-alpha; protein phosphatase IA; protein phosphatase 2C isoform alpha; protein phosphatase 1A, magnesium dependent, alpha isoform; Protein phosphatase type 1A (formely 2C) Mg-dependent alpha isoform; Protein phosphatase type 1A (formely 2C), Mg-dependent, alpha isoform
UniProt Protein Name	Protein phosphatase 1A
UniProt Gene Name	Ppm1a
UniProt Synonym Gene Names	Pp2c1; Pppm1a; PP2C-alpha
UniProt Entry Name	PPM1A_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/phosphorylated-smad-3-psmad3/55289>