

Rat Phosphorylated Smad 2 (pSmad3) ELISA Kit | pSmad3 elisa kit

Rat Phosphorylated Smad 3 (pSmad3) ELISA Kit

CATALOG #
AAA55291

REACTIVITY
Rat

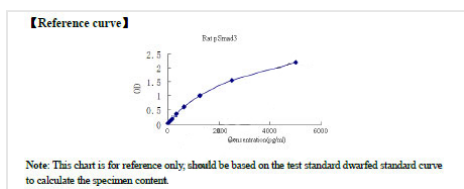
PRODUCT SYNONYMS

Phosphorylated Smad 2 (pSmad3); Rat Phosphorylated Smad 3 (pSmad3) ELISA Kit; pSmad3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	382
Samples	Rat Serum, Plasma Or Cell Culture Supernatant And Organizations In The Natural And Recombinant Psmad2 Concentration
Assay Type	Sandwich
Detection Range	5000 pg/ml-78 pg/ml
Sensitivity	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: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Rat pSmad2 monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples 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 (formerly 2C) Mg-dependent alpha isoform; Protein phosphatase type 1A (formerly 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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/phosphorylated-smad-2-psmad3/55291>