

Rat Tyrosine-protein kinase JAK2 ELISA Kit | Jak2 elisa kit

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CATALOG #
AAA195849

REACTIVITY
Rat

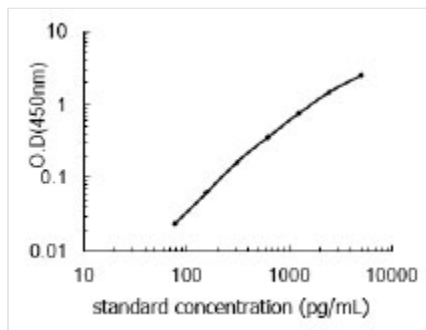
PRODUCT SYNONYMS

Tyrosine-protein kinase JAK2; Rat Tyrosine-protein kinase JAK2 ELISA Kit; Janus kinase 2; JAK-2; Jak2; 2.7.10.2; Jak2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Tyrosine-protein kinase JAK2. No significant cross-reactivity or interference was observed.
Sequence Length	1132
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	78.0 pg/mL -5000 pg/mL
Sensitivity	39.0 pg/mL
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 Jak2 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Tyrosine-protein kinase JAK2 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Tyrosine-protein kinase JAK2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Tyrosine-protein kinase JAK2 and 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 Tyrosine-protein kinase JAK2, 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 $\pm$ 2 nm. The concentration of Tyrosine-protein kinase JAK2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13928696
NCBI GeneID	24514
NCBI Accession #	NP_113702.1
NCBI GenBank Nucleotide #	NM_031514.1
UniProt Accession #	Q62689
Molecular Weight	130,585 Da
NCBI Official Full Name	tyrosine-protein kinase JAK2
NCBI Official Synonym Full Names	Janus kinase 2
NCBI Official Symbol	Jak2
NCBI Protein Information	tyrosine-protein kinase JAK2
UniProt Protein Name	Tyrosine-protein kinase JAK2
UniProt Gene Name	Jak2
UniProt Synonym Gene Names	JAK-2
UniProt Entry Name	JAK2_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/tyrosine-protein-kinase-jak2/195849>