

Rat JAM-C ELISA Kit | JAM-C elisa kit

Rat JAM-C PicoKine ELISA Kit

CATALOG #
AAA125070

REACTIVITY
Rat

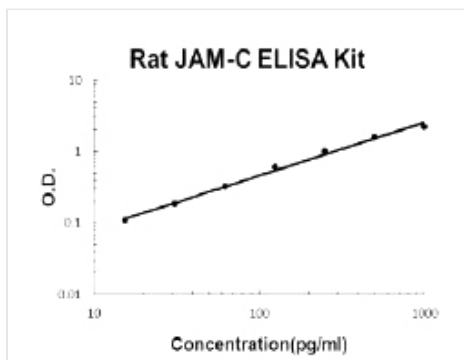
PRODUCT SYNONYMS

JAM-C; Rat JAM-C PicoKine ELISA Kit; Rat JAM-C; JAM-C elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	Natural and recombinant Rat Il6st
Sequence Length	259
Samples	Cell Culture Supernates, Serum And Plasma (Heparin, Edta, Citrate)
Detection Range	0.78ng/ml-50ng/ml
Sensitivity	<0.05ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay): Three samples of known concentration were tested on one plate to assess intra-assay precision
Inter-assay Precision	Inter-Assay Precision (Precision accross assays):Three samples of known concentration were tested in separate assays to assess inter-assay precision.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for JAM-C elisa kit	Principle of the Assay: The Picokine Rat Il6st Pre-Coated ELISA (Enzyme-Linked Immunosorbent Assay) kit is a solid phase immunoassay specially designed to measure Rat Il6st with a 96-well strip plate that is pre-coated with antibody specific for Il6st. The detection antibody is a biotinylated antibody specific for Il6st. The capture antibody is A monoclonal antibody from mouse, the detection antibody is a biotinylated detection polyclonal antibody from goat. The kit contains recombinant Rat Il6st with immunogen: Expression system for standard: NSO, Immunogen sequence: Q23-E618. The kit is analytically validated with ready to use reagents. To measure Rat Il6st, add standards and samples to the wells, then add the biotinylated detection antibody. Wash the wells with PBS or TBS buffer, and add Avidin-Biotin-Peroxidase Complex (ABC-HRP). Wash away the unbounded ABC-HRP with PBS or TBS buffer and add TMB. TMB is substrate to HRP and will be catalyzed to produce a blue color product, which changes into yellow after adding acidic stop solution. The density of the yellow product is linearly propotional to Rat Il6st in the sample. Read the density of the yellow product in each well using a plate reader, and benchmark the sample wells' readings against the standard curve to determine the concentration of Rat Il6st in the sample!!Background/Introduction: GP130(Glycoprotein 130) also known as IL6ST or CD130, is a transmembrane protein which is the founding member of the class of all cytokine receptors. The GP130 gene is mapped on 5q11.2. Gp130 showed an apparent molecular mass of 130 kD by SDS-PAGE. Gp130 is involved in the formation of high-affinity IL6-binding sites and in IL6 signal transduction. Sgp130 has a role in modulating signals transduced by membranebound gp130. Gp130 is an important part of many different types of signaling complexes. Gp130 molecules with mutations in either of these segments could not transduce a growth signal.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	328927057
NCBI GeneID	83700
NCBI Accession #	NP_001192258.1
NCBI GenBank Nucleotide #	NM_001205329.1
NCBI Official Full Name	junctional adhesion molecule C isoform 2
NCBI Official Synonym Full Names	junctional adhesion molecule 3
NCBI Official Symbol	JAM3
NCBI Official Synonym Symbols	JAMC; JAM-2; JAM-3; JAM-C
NCBI Protein Information	junctional adhesion molecule C

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/rat-elisa-kits/jam-c/125070>