

Monkey Recombination activating gene 2 ELISA Kit | RAG-2 elisa kit

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CATALOG #
AAA96467

REACTIVITY
Monkey

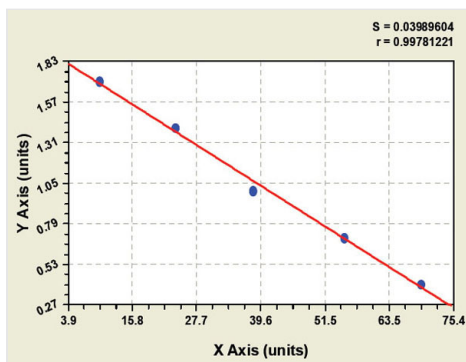
PRODUCT SYNONYMS

Recombination activating gene 2; Monkey Recombination activating gene 2 ELISA Kit; RAG-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This RAG-2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey RAG-2. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RAG-2 elisa kit	Principle of the Assay: RAG-2 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-RAG-2 antibody and an RAG-2-HRP conjugate. The assay sample and buffer are incubated together with RAG-2-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the RAG-2 concentration since RAG-2 from samples and RAG-2-HRP conjugate compete for the anti-RAG-2 antibody binding site. Since the number of sites is limited, as more sites are occupied by RAG-2 from the sample, fewer sites are left to bind RAG-2-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RAG-2 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	148695707
NCBI GeneID	19374
Molecular Weight	59,074 Da
NCBI Official Full Name	recombination activating gene 2
NCBI Official Synonym Full Names	recombination activating gene 2
NCBI Official Symbol	Rag2
NCBI Official Synonym Symbols	Rag-2
NCBI Protein Information	V(D)J recombination-activating protein 2; V(D)J recombination-activating protein 2; recombinase activating gene 2; recombination activating protein 2
UniProt Protein Name	V(D)J recombination-activating protein 2
UniProt Gene Name	Rag2
UniProt Synonym Gene Names	Rag-2; RAG-2
UniProt Entry Name	RAG2_MOUSE

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.