

Mouse Immunoglobulin J chain ELISA Kit | IGJ elisa kit

Mouse Immunoglobulin J chain (IGJ) ELISA Kit

CATALOG # AAA55815	REACTIVITY Mouse
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PRODUCT SYNONYMS

Immunoglobulin J chain; Mouse Immunoglobulin J chain (IGJ) ELISA Kit; IGCJ; JCH; immunoglobulin J chain; IGJ elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse IGJ. No significant cross-reactivity or interference between Mouse IGJ and analogues was observed.
Sequence Length	159
Samples	Serum, plasma and other biological fluids
Detection Range	0.78 ng/mL - 50 ng/mL
Sensitivity	0.39 ng/mL (mean of 6 independent assays)
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for IGJ elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with Mouse IGJ. Samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated antibody preparation specific for IGJ and incubated. Then substrate solutions are added to each well. Only those wells that contain IGJ and enzyme-conjugated IGJ 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. Intended Uses: For the quantitative detection of Mouse Immunoglobulin J chain (IGJ) concentration in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	170172530
NCBI GeneID	16069
NCBI Accession #	NP_690052.2
NCBI GenBank Nucleotide #	NM_152839.3
UniProt Accession #	P01592
Molecular Weight	18,014 Da

NCBI Official Full Name	immunoglobulin J chain
NCBI Official Synonym Full Names	immunoglobulin joining chain
NCBI Official Symbol	Jchain
NCBI Official Synonym Symbols	Igj; Jch; AI323815; 9530090F24Rik
NCBI Protein Information	immunoglobulin J chain
UniProt Protein Name	Immunoglobulin J chain
UniProt Gene Name	Jchain

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://www.aaabiotech.com/igj-mouse-elisa-kits/immunoglobulin-j-chain/55815>