

Human immunoglobulin J polypeptide, linker protein for immunoglobulin alpha and mu polypeptides ELISA Kit | IGJ elisa kit

Human Immunoglobulin J chain, IGJ ELISA Kit

CATALOG #
AAA80524

REACTIVITY
Human

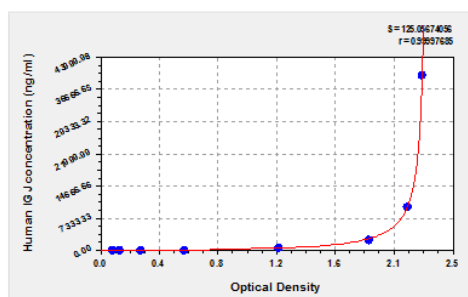
PRODUCT SYNONYMS

immunoglobulin J polypeptide; linker protein for immunoglobulin alpha and mu polypeptides; Human Immunoglobulin J chain; IGJ ELISA Kit; Human Immunoglobulin J chain (IGJ) ELISA kit; IGCJ; JCH; immunoglobulin J chain; IGJ elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IGJ. No significant cross-reactivity or interference between human IGJ and analogues was observed.
Sequence Length	159
Samples	Serum, plasma, saliva aliva aliva, urine, tear, breast milk.
Assay Type	Sandwich
Detection Range	10ng/ml -40000 ng/ml.
Sensitivity	10 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IGJ elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IGJ has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IGJ present is bound by the immobilized antibody. After removing any unbound substances, a Horseradish Peroxidase (HRP)-conjugated antibody specific for IGJ is added to the wells. Following a wash to remove any unbound reagent, a substrate solution is added to the wells and color develops in proportion to the amount of IGJ bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21489959
NCBI GeneID	3512
NCBI Accession #	NP_653247.1
NCBI GenBank Nucleotide #	NM_144646.3
UniProt Accession #	P01591
Molecular Weight	18,099 Da
NCBI Official Full Name	immunoglobulin J chain
NCBI Official Synonym Full Names	immunoglobulin J polypeptide, linker protein for immunoglobulin alpha and mu polypeptides
NCBI Official Symbol	IGJ
NCBI Official Synonym Symbols	JCH; IGCJ
NCBI Protein Information	immunoglobulin J chain; IgJ chain
UniProt Protein Name	Immunoglobulin J chain
UniProt Gene Name	IGJ
UniProt Synonym Gene Names	IGCJ
UniProt Entry Name	IGJ_HUMAN

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.