

Human galactose-1-phosphate uridylyltransferase ELISA Kit | GALT elisa kit

Human Galactose-1-phosphate uridylyltransferase, GALT ELISA Kit

CATALOG #
AAA112433

REACTIVITY
Human

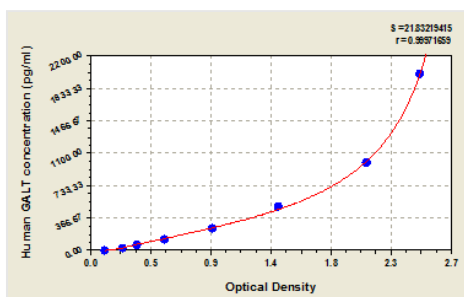
PRODUCT SYNONYMS

galactose-1-phosphate uridylyltransferase; Human Galactose-1-phosphate uridylyltransferase; GALT ELISA Kit; Human Galactose-1-phosphate uridylyltransferase (GALT) ELISA kit; hCG_2040046; galactose-1-phosphate uridyl transferase; GALT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human GALT. No significant cross-reactivity or interference between human GALT and analogues was observed.
Sequence Length	379
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.81 pg/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 GALT elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GALT has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GALT present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GALT is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GALT 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 #	22165416
NCBI GeneID	2592
NCBI Accession #	NP_000146.2
NCBI GenBank Nucleotide #	NM_000155.3
UniProt Accession #	P07902; Q14355; Q14356; Q14357; Q14358; Q14359; Q14360; Q14361; Q14363; Q14364; B4E097; E7ET32
Molecular Weight	43,363 Da
NCBI Official Full Name	galactose-1-phosphate uridylyltransferase isoform 1
NCBI Official Synonym Full Names	galactose-1-phosphate uridylyltransferase
NCBI Official Symbol	GALT
NCBI Protein Information	galactose-1-phosphate uridylyltransferase; gal-1-P uridylyltransferase; galactose-1-phosphate uridyl transferase; UDP-glucose--hexose-1-phosphate uridylyltransferase
UniProt Protein Name	Galactose-1-phosphate uridylyltransferase
UniProt Gene Name	GALT
UniProt Synonym Gene Names	Gal-1-P uridylyltransferase
UniProt Entry Name	GALT_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.