

Human UDP Glucuronosyltransferase 2 Family, Polypeptide B7 (UGT2B7) ELISA Kit | UGT2B7 elisa kit

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CATALOG #
AAA67392

REACTIVITY
Human

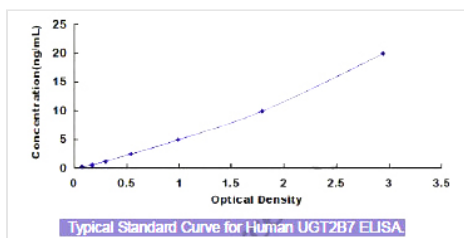
PRODUCT SYNONYMS

UDP Glucuronosyltransferase 2 Family; Polypeptide B7 (UGT2B7); Human UDP Glucuronosyltransferase 2 Family; Polypeptide B7 (UGT2B7) ELISA Kit; IRAK1; IRAK; Pelle; UGT2B7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of UGT2B7. No significant cross-reactivity or interference between UGT2B7 and analogues was observed.
Sequence Length	529
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.113ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level UGT2B7 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level UGT2B7 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UGT2B7 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of UGT2B7 in human serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to UGT2B7. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to UGT2B7. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain UGT2B7, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of UGT2B7 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	190194389
NCBI GeneID	7364
NCBI Accession #	NP_001065.2
NCBI GenBank Nucleotide #	NM_001074.3
UniProt Accession #	P16662; Q6GTW0; B2R810
Molecular Weight	60,695 Da
NCBI Official Full Name	UDP-glucuronosyltransferase 2B7 isoform 1
NCBI Official Synonym Full Names	UDP glucuronosyltransferase family 2 member B7
NCBI Official Symbol	UGT2B7
NCBI Official Synonym Symbols	UGT2B9; UDPGTH2; UDPGT2B7; UDPGTh-2; UDPGT 2B7; UDPGT 2B9
NCBI Protein Information	UDP-glucuronosyltransferase 2B7
UniProt Protein Name	UDP-glucuronosyltransferase 2B7
UniProt Gene Name	UGT2B7
UniProt Synonym Gene Names	UGTB2B9; UDPGT 2B7; UDPGT 2B9

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://stage.aaabiotech.com/human-elisa-kits/udp-glucuronosyltransferase-2-family-polypeptide-b7-ugt2b7/67392>