

Rat UDP Glucuronosyltransferase 1 Family, Polypeptide A1 (UGT1A1) RTU ELISA Kit | UGT1A1 rtu elisa kit

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CATALOG #
AAA219096

REACTIVITY
Rat

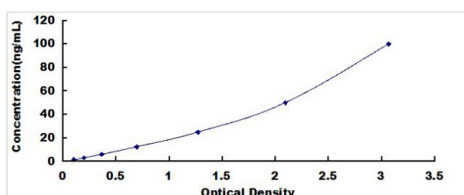
PRODUCT SYNONYMS

UDP Glucuronosyltransferase 1 Family; Polypeptide A1 (UGT1A1); Rat UDP Glucuronosyltransferase 1 Family; Polypeptide A1 (UGT1A1) ELISA Kit; UGT1; GNT1; UGT1A; UDPGT; HUG-BR1; UGT1-1; Bilirubin-specific UDPGT isozyme 1; UDP-glucuronosyltransferase 1-1; UGT1A1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	535
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	1.56-100ng/mL
Sensitivity	0.54ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UGT1A1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to UGT1A1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to UGT1A1. 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 UGT1A1, 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 $\pm$ 10nm. The concentration of UGT1A1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	28849913
NCBI GeneID	24861
NCBI Accession #	NP_036815.1
NCBI GenBank Nucleotide #	NM_012683.2
UniProt Accession #	Q64550; Q64635
Molecular Weight	59,663 Da
NCBI Official Full Name	UDP-glucuronosyltransferase 1-1
NCBI Official Synonym Full Names	UDP glucuronosyltransferase family 1 member A1
NCBI Official Symbol	Ugt1a1
NCBI Official Synonym Symbols	Ugt1; Udpgt; UDPGT 1-1
NCBI Protein Information	UDP-glucuronosyltransferase 1-1
UniProt Protein Name	UDP-glucuronosyltransferase 1-1
UniProt Gene Name	Ugt1a1
UniProt Synonym Gene Names	Ugt1; UDPGT 1-1; UGT1*1; UGT1-01; UGT1.1

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/rat-rtu-elisa-kits/udp-glucuronosyltransferase-1-family-polypeptide-a1-ugt1a1/219096>