

Bovine UDP-glucuronosyltransferase ELISA Kit | UDPGT elisa kit

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CATALOG #
AAA94097

REACTIVITY
Bovine

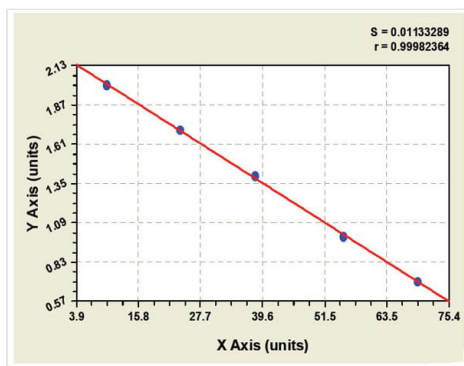
PRODUCT SYNONYMS

UDP-glucuronosyltransferase; Bovine UDP-glucuronosyltransferase ELISA Kit; UDPGT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This NUDPGT ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine NUDPGT. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UDPGT elisa kit	Principle of the Assay: NUDPGT ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NUDPGT antibody and an NUDPGT-HRP conjugate. The assay sample and buffer are incubated together with NUDPGT-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NUDPGT concentration since NUDPGT from samples and NUDPGT-HRP conjugate compete for the anti-NUDPGT antibody binding site. Since the number of sites is limited, as more sites are occupied by NUDPGT from the sample, fewer sites are left to bind NUDPGT-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NUDPGT concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	340141
NCBI GeneID	54578
Molecular Weight	50,528 Da
NCBI Official Full Name	UDP-glucuronosyltransferase, partial
NCBI Official Synonym Full Names	UDP glucuronosyltransferase 1 family, polypeptide A6
NCBI Official Symbol	UGT1A6
NCBI Official Synonym Symbols	GNT1; UGT1; HLUGP; UDPGT; UGT1F; HLUGP1; UGT1A6S; UDPGT 1-6
NCBI Protein Information	UDP-glucuronosyltransferase 1-6; UGT-1F; UGT1*6; UGT1-06; UDP-glucuronosyltransferase 1-F; UDP-glucuronosyltransferase 1A6; phenol-metabolizing UDP-glucuronosyltransferase; UDP glycosyltransferase 1 family, polypeptide A6; UDP-glucuronosyltransferase 1 family polypeptide A6s
UniProt Protein Name	UDP-glucuronosyltransferase 1-6
UniProt Gene Name	UGT1A6
UniProt Synonym Gene Names	GNT1; UGT1; UDPGT 1-6; UGT1*6; UGT1-06; UGT1.6; UGT-1F; UGT1F
UniProt Entry Name	UD16_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.

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Online datasheet: <https://stage.aaabiotech.com/udpgt-bovine-ovine-elisa-kits/udp-glucuronosyltransferase/94097>