

Human Urate Transporter 1 (URAT1) RTU ELISA Kit | URAT1 rtu elisa kit

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CATALOG #
AAA219117

REACTIVITY
Human

PRODUCT SYNONYMS

Urate Transporter 1 (URAT1); Human Urate Transporter 1 (URAT1) ELISA Kit; SLC22A12; OAT4L; RST; Solute Carrier Family 22 Member 12; Organic Anion/Urate Transporter; Organic anion transporter 4-like; Urate anion exchanger 1; Renal-specific transporter; URAT1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	519
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.127ng/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 URAT1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to URAT1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to URAT1. 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 URAT1, 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 URAT1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	444299636
NCBI GeneID	116085

NCBI Accession #	NP_001263255.1
NCBI GenBank Nucleotide #	NM_001276326.1
UniProt Accession #	Q96S37 ; Q19PF7 ; Q19PF8 ; Q19PF9 ; Q19PG0 ; Q6UXW3 ; Q96DT2 ; B7WPG1 ; G3XAN7
Molecular Weight	56,094 Da
NCBI Official Full Name	solute carrier family 22 member 12 isoform c
NCBI Official Synonym Full Names	solute carrier family 22 member 12
NCBI Official Symbol	SLC22A12
NCBI Official Synonym Symbols	RST; OAT4L; URAT1
NCBI Protein Information	solute carrier family 22 member 12
UniProt Protein Name	Solute carrier family 22 member 12
UniProt Gene Name	SLC22A12
UniProt Synonym Gene Names	OATL4; URAT1; RST

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-rtu-elisa-kits/urate-transporter-1-urat1/219117>