

Rat Urea ELISA Kit | ureA elisa kit

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CATALOG #
AAA22344

REACTIVITY
Rat

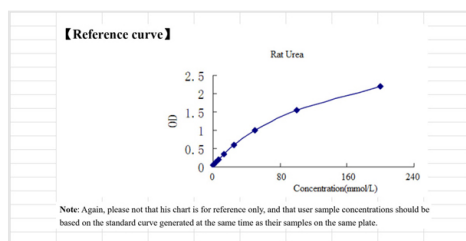
PRODUCT SYNONYMS

Urea; Rat Urea ELISA Kit; ureA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	100
Assay Type	Sandwich
Detection Range	200 mmol/L-3.12 mmol/L
Sensitivity	Up to 0.6 mmol/L
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ureA elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat Urea monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	545797
Molecular Weight	11,128 Da

NCBI Official Full Name	UreA
UniProt Protein Name	Urease subunit gamma
UniProt Gene Name	ureA
UniProt Synonym Gene Names	R02475; SMc01941
UniProt Entry Name	URE3_RHIME

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/urea/22344>