

Rat Folic acid (FA) ELISA Kit | FA elisa kit

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CATALOG #
AAA55096

REACTIVITY
Rat

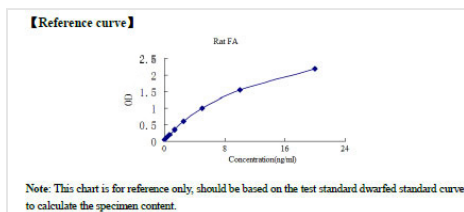
PRODUCT SYNONYMS

Folic acid (FA); Rat Folic acid (FA) ELISA Kit; FA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	341
Assay Type	Sandwich
Detection Range	20 ng/mL-0.312 ng/mL
Sensitivity	Up to 0.06 ng/mL
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 FA 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 FA 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 #	334184341
NCBI GeneID	816615

NCBI Accession #	NP_001189564.1
NCBI GenBank Nucleotide #	NM_001202635.1
Molecular Weight	32,137 Da
NCBI Official Full Name	folic acid binding / transferase
NCBI Official Symbol	AT2G20830
NCBI Official Synonym Symbols	F5H14.20; F5H14_20
NCBI Protein Information	folic acid binding / transferase
UniProt Protein Name	Expressed protein
UniProt Entry Name	Q9SKT4_ARATH

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/folic-acid-fa/55096>