

Rat Deoxyuridine 5'-triphosphate nucleotidohydrolase ELISA Kit | Dut elisa kit

Rat Deoxyuridine 5'-triphosphate nucleotidohydrolase ELISA Kit

CATALOG #
AAA56268

REACTIVITY
Rat

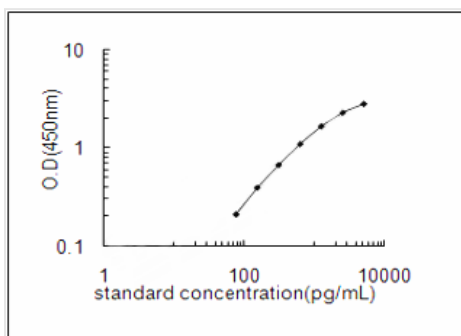
PRODUCT SYNONYMS

Deoxyuridine 5'-triphosphate nucleotidohydrolase; Rat Deoxyuridine 5'-triphosphate nucleotidohydrolase ELISA Kit; Dut elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat dUTPase. No significant cross-reactivity or interference was observed.
Sequence Length	142
Assay Type	Sandwich
Detection Range	78-5000 pg/ml
Sensitivity	40 pg/mL
Intra-Assay CV	<=5.3%
Inter-Assay CV	<=8.4%
Recovery	84%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Dut elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to dUTPase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for dUTPase and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain dUTPase, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of dUTPase in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	94400930
NCBI GeneID	497778
NCBI Accession #	NP_001035361.1
NCBI GenBank Nucleotide #	NM_001040271.1
UniProt Accession #	P70583
Molecular Weight	22,003 Da
NCBI Official Full Name	deoxyuridine 5'-triphosphate nucleotidohydrolase isoform 2
NCBI Official Synonym Full Names	deoxyuridine triphosphatase
NCBI Official Symbol	Dut
NCBI Official Synonym Symbols	Dutp; PIP4
NCBI Protein Information	deoxyuridine 5'-triphosphate nucleotidohydrolase
UniProt Protein Name	Deoxyuridine 5'-triphosphate nucleotidohydrolase
UniProt Gene Name	Dut
UniProt Synonym Gene Names	Dutp; dUTPase; PIP4
UniProt Entry Name	DUT_RAT

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://www.aaabiotech.com/dut-rat-elisa-kits/deoxyuridine-5-triphosphate-nucleotidohydrolase/56268>