

Human Histone demethylase UTY (UTY) ELISA Kit

Catalog No: #EK5919



Package Size: #EK5919-1 48T #EK5919-2 96T

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Description

Product Name	Human Histone demethylase UTY (UTY) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Human (Homo sapiens)
Other Names	DKFZp686L12190; UTY1; tetratricopeptide repeat protein ubiquitous TPR motif protein UTY ubiquitously transcribed TPR gene on Y chromosome ubiquitously transcribed tetratricopeptide repeat gene; Y ch
Accession No.	O14607
Uniprot	O14607
GeneID	7404;
Storage	<p>The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition.</p> <p>The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37C for 4 and 7 days, and compare O.D.values of the kit kept at 37C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37C can be considered as 6 months at 2 - 8C, which means 7 days at 37C equaling 12 months at 2 - 8C).</p>

Application Details

Detect Range:46.88-3000 pg/mL

Sensitivity:11.72 pg/mL

Sample Type:Serum, Plasma, Other biological fluids

Sample Volume: 1-200 µL

Assay Time:1-4.5h

Detection wavelength:450 nm

Product Description

Detection Method:SandwichTest principle:This assay employs a two-site sandwich ELISA to quantitate UTY in samples. An antibody specific for UTY has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and anyUTY present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for UTY is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of UTY bound in the initial step. The color development is stopped and the intensity of the color is measured.**Product Overview:**This gene encodes a protein containing tetratricopeptide repeats which are thought to be involved in protein-protein interactions. This protein is a minor histocompatibility antigen which may induce graft rejection of male stem cell grafts. Alternative splicing results in multiple transcript variants encoding different isoforms.

Note: This product is for in vitro research use only