

Human Dihydrofolate Reductase, DHFR ELISA Kit | DHFR elisa kit

Human Dihydrofolate Reductase, DHFR ELISA Kit

CATALOG #
AAA123177

REACTIVITY
Human

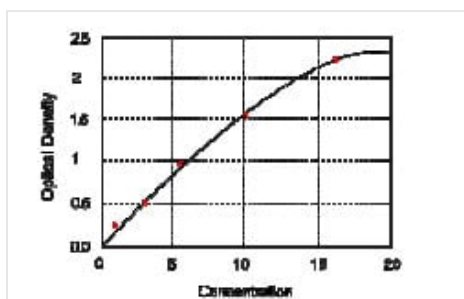
PRODUCT SYNONYMS

Dihydrofolate Reductase; DHFR; Human Dihydrofolate Reductase; DHFR ELISA Kit; DHFR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	187
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 70ng/ml
Sensitivity	0.092ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DHFR elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Dihydrofolate Reductase (also known as DHFR) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human DHFR antibody. DHFR present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human DHFR Antibody is added and binds to DHFR in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated DHFR antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human DHFR. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18426814
NCBI GeneID	24312
NCBI GenBank Nucleotide #	NP_569084.1
UniProt Accession #	Q920D2
NCBI Official Full Name	dihydrofolate reductase
NCBI Official Synonym Full Names	dihydrofolate reductase
NCBI Official Symbol	Dhfr
NCBI Official Synonym Symbols	Dhfr1
NCBI Protein Information	dihydrofolate reductase
UniProt Protein Name	Dihydrofolate reductase
UniProt Gene Name	Dhfr

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/human-elisa-kits/dihydrofolate-reductase-dhfr/123177>