

Tetrahydrofolic Acid (THFA) ELISA Kit | THFA elisa kit

General Tetrahydrofolic Acid (THFA) Mini Samples ELISA Kit

CATALOG #
AAA147420

REACTIVITY
Pan-species (General)

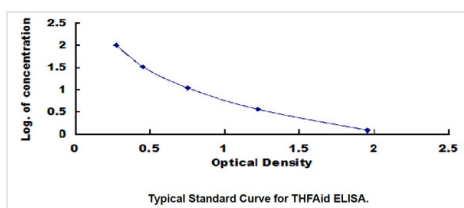
PRODUCT SYNONYMS

Tetrahydrofolic Acid (THFA); General Tetrahydrofolic Acid (THFA) Mini Samples ELISA Kit; H4FA; THF; Tetrahydrofolate; THFA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pan-species (General)
Specificity	This assay has high sensitivity and excellent specificity for detection of THFAid. No significant cross-reactivity or interference between THFAid and analogues was observed.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	1.23-100ng/mL
Sensitivity	< 0.49ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level THFAid were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level THFAid were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for THFA elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to THFAid has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled THFAid and unlabeled THFAid (Standards or samples) with the pre-coated antibody specific to THFAid. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of THFAid in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of THFAid in the sample.

Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of THFAid in serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids.

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/general-elisa-kits/tetrahydrofolic-acid-thfa/147420>