

Human Folate ELISA Kit

Folate ELISA

CATALOG #
AAA72730

REACTIVITY
Human

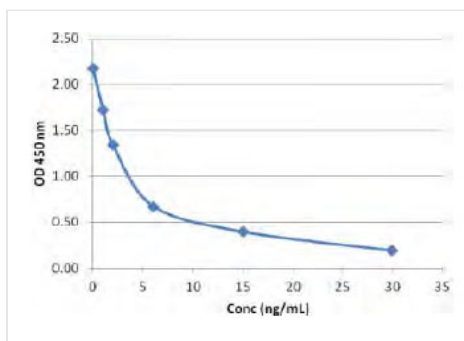
PRODUCT SYNONYMS

Folate; Folate ELISA; Folate elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Quantitative Competitive
Samples	Human serum and plasma
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Folate elisa kit

Principle of the Assay: The Folate test kit is a solid phase enzyme-linked immunoassay (ELISA), based on the principal of competitive binding. Streptavidin coated wells are co-incubated with extracted Folate standards, controls, samples, Folate Binding Protein-Biotin conjugate and Folate-Enzyme conjugate at room temperature for 60 minutes. During the incubation, the folate-enzyme conjugate and the folate in the sample, standard, or quality control serum will compete to bind to the biotin-labeled folate binding protein. After the 60 minute incubation, all unbound conjugates are then removed and the wells are washed. Next, a solution of TMB Reagent is added and incubated at room temperature for 15 minutes, resulting in the development of blue color. The color development is stopped with the addition of stop solution, and the absorbance is measured spectrophotometrically at 450 nm. A standard curve is obtained by plotting the concentration of the standard versus the absorbance. The color intensity is inversely proportional to the amount of Folate in the sample. The total assay procedure run time is 1.25 hours.

Intended Uses: The Folate ELISA test kit is intended for the quantitative determination of Folic acid in human serum and plasma. For Research Use Only. Not for use in Test Procedures.

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.