

ARG83469 Folic Acid / Vitamin B9 ELISA Kit

Package: 96 wells

Store at: 4°C

Summary

Product Description	ARG83469 Folic Acid / Vitamin B9 ELISA Kit is an Enzyme Immunoassay kit for the quantification of Folic Acid / Vitamin B9 in Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernatants or Other Biological Fluids
Tested Reactivity	All
Tested Application	ELISA
Target Name	Folic Acid / Vitamin B9
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	1.23 ng/ml
Sample Type	Serum, Plasma, Tissue Homogenates, Cell Lysates, Cell Culture Supernatants or Other Biological Fluids
Standard Range	3.9 - 250 ng/ml
Sample Volume	100 µl
Alternate Names	folic acid; 59-30-3; Pteroylglutamic acid; Folate; Vitamin M; Folacin; PteGlu; Folacid; Vitamin B9; Vitamin Bc; Folicet; Folvite; Incafolic; Folettes; Foliamin; Folipac; Folsan; Millafol; Acifolic; Cytofol

Application Instructions

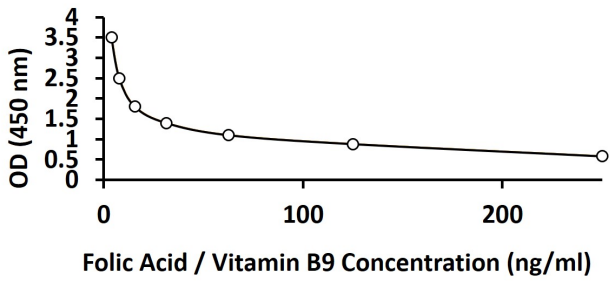
Assay Time	3.5 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 4°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Background	Vitamin B9, is a member of the B vitamin family and an essential cofactor for enzymes involved in DNA and RNA synthesis.
Function	Vitamin B9 is required by the body for the synthesis of purines, pyrimidines, and methionine before incorporation into DNA or protein. Vitamin B9 is particularly important during phases of rapid cell division, such as infancy, pregnancy, and erythropoiesis, and plays a protective factor in the development of cancer. As humans are unable to synthesize Vitamin B9 endogenously, diet and supplementation is necessary to prevent deficiencies.



ARG83469 Folic Acid / Vitamin B9 ELISA Kit standard curve image

ARG83469 Folic Acid / Vitamin B9 ELISA Kit results of a typical standard run with optical density reading at 450 nm.
