

ARG80798 Folic Acid ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

Product Description	ARG80798 Folic Acid ELISA Kit is a Enzyme Immunoassay kit for the quantification of Folic Acid in food (extraction, dilution).
Tested Reactivity	Other
Tested Application	ELISA
Target Name	Folic Acid
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	2 ng/ml
Sample Type	Food (extraction, dilution).
Standard Range	4 - 400 ng/ml
Sample Volume	100 µl

Application Instructions

Assay Time	1 h, 1 h (RT/shaker), 20 min (RT/dark)
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Properties

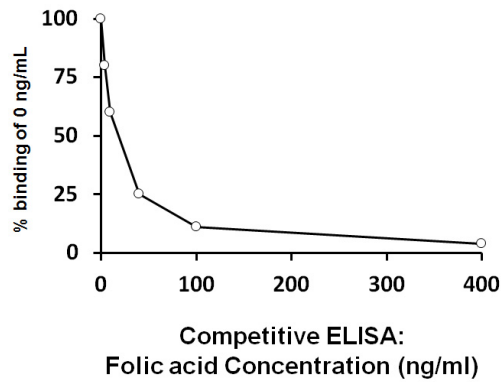
Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Full Name	Folic Acid
Background	<p>Folates play an important role in the synthesis of nucleic acids and some amino acids and gained recently increased interest because they belong to the group of antioxidative vitamins. In the last years the influence of folic acid supplementation to avoid abortion and dysrphism was a topic of research increasingly. Folic acid as the most stable representative of the group of folates is added to a broad range of food.</p> <p>Traditional methods are mostly microbiological ones, but also TLC and HPLC are applied. These methods are time consuming and need complex equipment.</p> <p>This test kit allows the detection (2.5 to 4 hrs. depend on sample preparation) of folic acid in supplemented food which is more rapid compared to traditional techniques (24-48 hrs).</p>
Highlight	Related products:

Research Area Metabolism kit; Signaling Transduction kit

Images



ARG80798 Folic Acid ELISA Kit standard curve image

ARG80798 Folic Acid ELISA Kit results of a typical standard run with optical density reading at 450nm.