

ARG80817 Vitamin H (Biotin) ELISA Kit

Package: 96 wells

Store at: 4°C

Summary

Product Description	ARG80817 Vitamin H (Biotin) ELISA Kit is a Enzyme Immunoassay kit for the quantification of Vitamin H (Biotin) in food (extraction, dilution).
Tested Reactivity	Other
Tested Application	ELISA
Target Name	Vitamin H
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm
Sensitivity	0.5 ng/ml
Sample Type	Food (extraction, dilution).
Standard Range	1 - 25 ng/ml
Sample Volume	50 µl

Application Instructions

Assay Time	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	Vitamin H / Biotin
Background	<p>Biotin serves as the prosthetic group of enzymes, which catalyze carboxylations in the organism. For this purpose, biotin is bound via its carboxy group to lysin residues of carboxylases, and the transfer of carbon dioxide takes place after its attachment to a nitrogen atom of biotin, forming the so-called active carbon dioxide.</p> <p>The awareness of the population for a good health and its interest in healthy nutrition has increased significantly during the last years. After the content of vitamins in his nourishment has gained importance for the consumer, food has partially been vitaminized by the manufacturer.</p> <p>When there exists a lack of biotin, seborrhoea, dermatitis, anorexia, muscle pain, tiredness and nervous disorders can appear. As biotin is synthesized by the human intestinal flora, deficiency symptoms are rare, appear however after excessive ingestion of raw egg white, which can be explained by its content of biotin-binding avidin.</p>

Highlight

Related products:

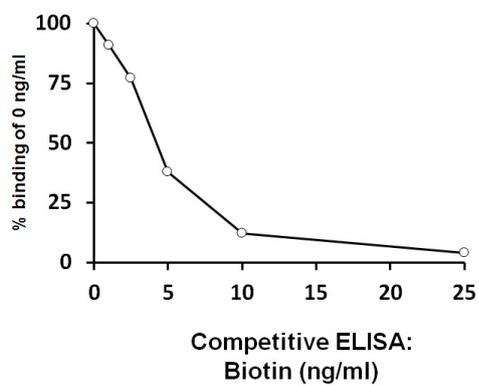
New ELISA data calculation tool:

[Simplify the ELISA analysis by GainData](#)

Research Area

Controls and Markers kit; Metabolism kit; Signaling Transduction kit

Images



ARG80817 Vitamin H (Biotin) ELISA Kit standard curve image

ARG80817 Vitamin H (Biotin) ELISA Kit results of a typical standard run with optical density reading at 450nm.