

Avian Vanillylmandelic Acid (VMA) ELISA Kit-Competitive

Cat. No.: EK1F709

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Avian Vanillylmandelic Acid (VMA) ELISA Kit-Competitive is designed for the quantitative determination of Avian Vanillylmandelic Acid (VMA) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Avian VMA.
Target Species	Avian
Species Reactivity	Avian
Detection Range	156.26-10000 ng/mL
Sensitivity	43.7 ng/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 120 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Vanillylmandelic acid (VMA) is an end-stage metabolite of the catecholamines epinephrine and norepinephrine. It is produced via intermediary metabolites during the breakdown of catecholamines. These catecholamines are hormones produced by the adrenal glands (located on top of the kidneys) during times of physical or emotional stress. Norepinephrine is metabolized into normetanephrine and VMA. VMA is excreted in urine, making it a useful marker for these conditions.

Target/Biomarker	Avian VMA
Target Synonym	Vanillyl Mandelic Acid

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.