

Swine Vanillylmandelic Acid (VMA) ELISA Kit-Competitive

Cat. No.: EK1F704

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Swine Vanillylmandelic Acid (VMA) ELISA Kit-Competitive is designed for the quantitative determination of Swine 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 Swine VMA.
Target Species	Swine
Species Reactivity	Swine
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. Elevated urinary VMA levels are associated with certain tumors that secrete catecholamines. In swine, almost all the VMA formed in the body and extracted by the kidneys is produced within the liver.

Target/Biomarker	Swine 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.