

Swine Homovanillic Acid (HVA) ELISA Kit-Competitive

Cat. No.: EK2F14

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Swine Homovanillic Acid (HVA) ELISA Kit-Competitive is designed for the quantitative determination of Swine Homovanillic Acid (HVA) 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 HVA.
Target Species	Swine
Species Reactivity	Swine
Detection Range	3.13-200 ng/mL
Sensitivity	0.97 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

Homovanillic acid (HVA) is a major catecholamine metabolite formed by the sequential action of monoamine oxidase and catechol-O-methyltransferase on dopamine. HVA is used as a reagent to detect oxidative enzymes. It is associated with dopamine levels in the brain. HVA presence supports a diagnosis of neuroblastoma and malignant pheochromocytoma. Brain and cerebrospinal fluid levels of HVA are measured as a marker of metabolic stress caused by 2-deoxy-D-glucose.

Target/Biomarker	Swine HVA
Target Synonym	HOC ₆ H ₃ (OCH ₃)CH ₂ COOH; 3-Methoxy-4-hydroxyphenyl Acetic Acid; 4-Hydroxy-3-Methoxy-Benzeneacetic Acid; 4-Hydroxy-3-Methoxyphenylacetic 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.