

Mouse Inhibin Beta E (INHbE) ELISA Kit-Sandwich

Cat. No.: EK5F4

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Mouse Inhibin Beta E (INHbE) ELISA Kit-Sandwich is designed for the quantitative determination of Mouse INHbE in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids using a Sandwich ELISA method. For research use only.

Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Mouse Inhibin Beta E (INHbE).
Target Species	Mouse
Species Reactivity	Mouse
Detection Range	15.7-1000 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 12%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

Target Information

Inhibins and activins play opposing roles in regulating the secretion of follitropin by the pituitary gland, with inhibins inhibiting and activins activating this process. These proteins are involved in a wide range of functions, including the regulation of hypothalamic and pituitary hormone secretion, gonadal hormone production, germ cell development and maturation, erythroid differentiation, insulin release, nerve cell survival, embryonic axial development, and bone growth, depending on their subunit composition. Inhibins act to counteract the effects of activins. In mice, the inhibin beta E chain is encoded by the *INHbE* gene.

Target/Biomarker	Mouse INHbE
Target Synonym	INH-bE; Activin beta-E chain; Inhibin Beta E
Gene ID	16326
UniProt ID	Q08717

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.