

## Trimethylamine-N-Oxide (TMAO) ELISA Kit-Competitive

**Cat. No.:** EK8F362

**Product Type:** Animal Immunoassay Kits

**Size:** 96T

### Product Overview

BioVenic Trimethylamine-N-oxide (TMAO) ELISA Kit-Competitive is designed for the quantitative determination of TMAO 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 TMAO.
Target Species	General
Species Reactivity	General
Detection Range	15.63-1000 ng/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 extract, and other biological fluids.

### Target Information

Trimethylamine N-oxide (TMAO) is an organic compound that belongs to the class of amine oxides. TMAO consists of a trimethylamine group (three methyl groups attached to a nitrogen atom) and an oxygen atom. TMAO is a product of the oxidation of trimethylamine, a common metabolite of choline in animals. It is a gut microbial-derived metabolite that has been suggested as a potential regulator of human health.

Target/Biomarker	TMAO
Target Synonym	TMAO

### Shipping and Storage

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

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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.