



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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### Sampling tubes with PHMB

#### ORDERING INFORMATION

**Catalogue Number:** D31009

**Size:** 35 tubes or 100 tubes

**Stability:** 12 months

**Storage:** RT

**Shipping:** RT



- **CONCENTRATION:** 1 mM (final concentration)
- **SAMPLE SIZE:** 1 mL
- **APPLICATION:**

PHMB sampling tubes are ready to use. Just collect your samples in classical blood collection tubes, and transfer 1 mL of sample per tube.

To be used to store samples after collection on a classical blood sampling tubes. Those tubes are not intended to be used to directly collect blood.

- **DESCRIPTION:**

4-(hydroxymethyl)benzoic acid (PHMB) is used to inhibit cysteine-protease and acts as a reversible thiol-specific blocker. While blocking the Acylated Ghrelin degradation, it allows the Acetylcholine Esterase AChE™ used in SPI-Bio EIA kits to work normally, in contrary to serine-protease inhibitors.

Neuropeptides and other short peptides are really sensitive to protease degradation. It is often necessary to add specific and potent inhibitor to avoid total loss of the biomarker. The PHMB containing tubes have been designed to accept 1 mL samples.

The cryotubes are graduated, with a silicone washer sealed and external threads. They can be stored at temperatures as low as -196°C but should be used only in the gas phase of liquid nitrogen.

Thus, PHMB sampling tubes may be useful to measure any biomarker cleaved by cysteine-proteases.

- **ARTICLES:**

Boyer, P. D. (1954) J. Am. Chem. Soc. 76, 4331-4337,

**For research laboratory use only.**

**Not for human diagnostic use.**

***Should you wish further information, do not hesitate to contact us.***



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