

Product Information

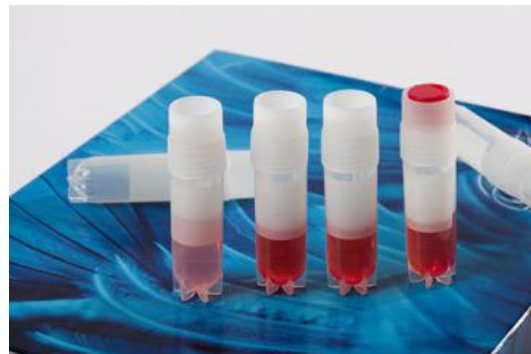


Sampling tubes with PHMB

Cat No: D31009 - 100 tubes

General Data

Shipping: room temp.



Application(s):

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

Can also be used to store samples after collection on a classical blood sampling tubes and transfer.

These tubes are not intended to be used to directly collect blood

Product Overview

4-(hydroxymethyl)benzoic acid (PHMB) is used to inhibit cysteine-protease and acts as a reversible thiol-specific blocker. While blocking the Acetylated 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 tubes are graduated, with a silicone washer sealed and external threads. They can be stored at temperatures as low as -80 degrees. Thus, PHMB sampling tubes may be useful to measure any biomarker cleaved by cysteine-proteases.

Scientific Literature

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

FP/27/24

For research laboratory use only – Not for human diagnostic use.

Buyers agree to purchase the material subject to Purchasing Terms that can be found on our website. Seek appropriate training to safely handle this product under normal conditions. Use the recommended personal protective equipment to prevent chemical exposures.

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