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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRODUCT INFORMATION



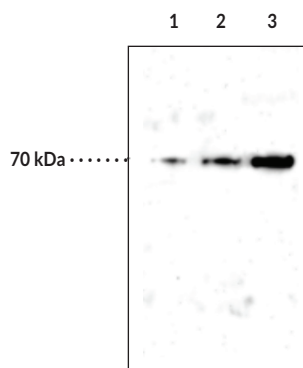
COX-1 (ovine) Electrophoresis Standard

Item No. 360100

Overview and Properties

Contents: This vial contains 5 µg purified COX-1.
Synonyms: Cyclooxygenase 1 (ovine) Electrophoresis Standard; Prostaglandin H Synthase 1 (ovine) Electrophoresis Standard
Form: Liquid
Storage: -80°C (as supplied)
Stability: ≥1 year
Storage Buffer: 20 mM Tris-HCl buffer, pH 8.0
Applications: This enzyme has been denatured and has no catalytic activity. It can be used as a standard for Western blots (WB) and electrophoresis.

Image



Lane 1: Ovine COX-1 standard (25 ng)
Lane 2: Ovine COX-1 standard (50ng)
Lane 3: Ovine COX-1 standard (100ng)

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

WARRANTY AND LIMITATION OF REMEDY
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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PRODUCT INFORMATION



Description

COX-1 is responsible for the production of prostaglandins essential for the normal function of many organs including stomach and kidney.¹ Although COX-1 is generally described as constitutively expressed, this is actually an oversimplification. COX-1 expression is regulated developmentally and in response to a variety of other stimuli.²⁻⁵ COX-1 has a molecular weight of 70,000 and is expressed in nearly all tissues of the body.^{1,3,6,7}

References

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