



OXFORD BIOMEDICAL RESEARCH

Product Specification Sheet

Prostaglandin H Synthase-2 Standard

Product Number: NP 04

Aliquot: 100 μ L

Lot Number: np04.154736TS

Storage: -70°C

DESCRIPTION:	This is a presentation of native ovine Prostaglandin H Synthase-2 (COX-2) prepared from placenta and is intended for use as a protein standard for immunoblotting.
CONCENTRATION:	100 μ g/mL total protein as determined using the BCA assay with BSA as the standard.
PRESENTATION:	TBS with 0.05% Sodium Azide (w/v)
SOURCE:	Ovine placenta
PURITY:	Greater than 70% as determined by visual inspection of protein on a Coomassie-stained SDS-PAGE mini-gel.
STORAGE:	Stable for three months or greater when stored at -20°C. Stable indefinitely when stored at -70°C.
APPLICATION:	As an immunoblotting standard for reducing conditions, mix with SDS containing sample buffer and boil for 5 minutes prior to running SDS gel. For optimal results load 1 μ g per lane when performing alkaline phosphatase. Less protein may be loaded when using more sensitive detection methods.