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Datasheet for ABIN1000789
anti-Methylprednisolone antibody

Overview

Quantity:	100 µg
Target:	Methylprednisolone
Reactivity:	Various Species
Host:	Sheep
Clonality:	Monoclonal
Application:	ELISA, Immunoassay (IA)

Product Details

Purpose:	Methylprednisolone Antibody (mAb),
Immunogen:	Methylprednisolone-BTG
Isotype:	IgG
Specificity:	ELISA microtitre plate based and expressed as % crossreactivity*. The antibody exhibited crossreactivity for the following compounds: Methylprednisolone 100% Prednisolone 23.90% Triamcinolone < 1.8% * crossreactivity profile may vary with tracer used
Characteristics:	Prednisolone 2390 % Triamcinolone <18 %
Purification:	ÄKTA, Protein A (Assessment Method - SDS-PAGE, SEC-HPLC and ELISA)
Purity:	≥ 95%

Target Details

Target:	Methylprednisolone
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Target Details

Abstract:	Methylprednisolone Products
Target Type:	Chemical
Background:	<p>Non-steroidal anti-inflammatory drugs, usually abbreviated to NSAIDs or NAIDs , are drugs with analgesic, antipyretic and, in higher doses, anti-inflammatory effects - they reduce pain, fever and inflammation. Most NSAIDs act as nonselective inhibitors of the enzyme cyclooxygenase, inhibiting both the cyclooxygenase-1 (COX-1) and cyclooxygenase-2 (COX-2) isoenzymes. Cyclooxygenase catalyzes the formation of prostaglandins and thromboxane from arachidonic acid. Prostaglandins are short-lived substances made from fatty acids that play a role in many body functions. They influence pain signals, regulation of inflammation, maintenance of tissues such as the lining of the stomach, blood clotting and stimulation of cells into action. In whole the NSAIDs prevent the prostaglandins from ever being synthesized, therefore reducing or eliminating the pain.</p> <p>Method of Production: In vitro cell culture using standard DMEM media supplemented with foetal bovine serum of a USDA approved origin.</p>

Application Details

Application Notes:	Working Concentration: 0.25 µg/mL (EIA)
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Phosphate Buffered Saline (PBS), 0.09 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at +2°C - +8°C. Refer to product label for lot-assigned expiration details. Product should be protected from light exposure.