



[Go to Product page](#)

Datasheet for ABIN487622
anti-Cortisone antibody

Overview

Quantity:	1 mg
Target:	Cortisone (COR)
Reactivity:	Please inquire
Host:	Sheep
Clonality:	Polyclonal
Conjugate:	This Cortisone antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Cortisone-BTG
Isotype:	IgG
Purification:	Ig Fraction

Target Details

Target:	Cortisone (COR)
Alternative Name:	Cortisone (COR Products)
Target Type:	Hormone
Background:	Cortisone is a hormone. Chemically it is a corticosteroid with formula C ₂₁ H ₂₈ O ₅ and IUPAC name 17-hydroxy-11-dehydrocorticosterone. It is closely related to corticosterone. Cortisone and adrenaline are the main hormones released by the body as a reaction to stress. They elevate blood pressure and prepare the body for a fight or flight response. Cortisone is the

Target Details

inactive precursor molecule of the active hormone cortisol. It is activated through hydroxylation of the 11-keto-group by an enzyme called 11-beta-steroid dehydrogenase. The active form cortisol is thus sometimes referred to as hydrocortisone. Cortisone is sometimes used as a drug to treat a variety of ailments. Synonyms: 11, 17alpha, 17alpha-Hydroxy-11-dehydrocorticosterone, 20-trione, 21-Dihydroxy-4-pregnene-3, 21-diol-3, 4-Pregnene-17alpha

Application Details

Application Notes: ELISA: 1.25 µg/mL, 10 ng/mL cortisone produces 73 % inhibition in a competitive ELISA, employing cortisone polyclonal antibody.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 7.2mg/mL (U.V.abs at 280nm)

Buffer: 20 mM Phosphate, 150 mM Sodium Chloride, pH 7.2 containing 0.09 % Sodium Azide as preservative

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C