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Datasheet for ABIN2473093
anti-Cortisol antibody (AA 1-3)

Overview

Quantity:	0.25 mL
Target:	Cortisol
Binding Specificity:	AA 1-3
Reactivity:	Please inquire
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Cortisol antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	Synthetic peptide corresponding to the amino acids 1-3 of the native molecule conjugated to Bovine Serum Albumin.
Isotype:	IgG
Specificity:	This antibody detects cortisol, a glucocorticoid that is produced by the adrenal cortex in response to pituitary adrenocorticotrophic hormone (ACTH) stimulation. Cortisol is secreted into the plasma whereby the majority is bound to corticosteroid binding globulin (CBG) and serum albumin. Cortisol is up-regulated in response to stress, and leads to an increase in blood pressure and blood sugar, and an immunosuppressive action to help restore body homeostasis. Cortisol also has multiple effects on human behaviour, including sleep patterns, mood, and the reception of sensory input. Changes in cortisol expression have pathological consequences, hypercortisolism results in Cushing's syndrome, whilst hypocortisolism leads to Addison's disease.

Product Details

Characteristics: Purified IgG

Purification: Purified

Target Details

Target: Cortisol

Abstract: [Cortisol Products](#)

Target Type: Hormone

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 5.0 mg/mL