

## Rabbit Anti Cortisol Polyclonal Antibody

DPBT-65739RC Rabbit(Cortisol)

Lot. No. (See product label)

### PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit Anti Cortisol
<b>Immunogen</b>	Synthetic peptide corresponding to the amino acids 1 - 3 of the native molecule conjugated to Bovine Serum Albumin.
<b>Host</b>	Rabbit
<b>Isotype</b>	Polyclonal IgG
<b>Species</b>	Broad
<b>Conjugation</b>	N/A
<b>Applications</b>	ELISA,

### PACKAGING

<b>Format</b>	Purified IgG - liquid
<b>Protein Concentration</b>	IgG concentration 5.0mg/ml
<b>Buffer</b>	Phosphate buffered saline
<b>Storage</b>	Store at +4 °C or at -20 °C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Preservative</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Shelf Life</b>	18 months from date of despatch.

### BACKGROUND

<b>Introduction</b>	Cortisol (hydrocortisone) is a steroid hormone, or glucocorticoid, produced by the adrenal gland. It is released in response to stress and a low level of blood glucocorticoids. Its primary functions are to increase blood sugar through gluconeogenesis; suppress the immune system; and aid in fat, protein and carbohydrate metabolism. It also decreases bone formation. During pregnancy, increased production of cortisol between weeks 30-32 initiates production of fetal lung surfactant to promote maturation of the lungs. Various synthetic forms of cortisol are used to treat a variety of diseases
<b>Keywords</b>	Cortisol; 17a-Hydroxycorticosterone; Acticort; Aeroseb-HC; Alacort; ala-cort; Ala-Scalp; Alphaderm; anti-Inflammatory hormone; anti-inflammatory hormone; Barseb HC; barsebhc; CaldeCORT Spray; Cetacort; Cleiton; Cobadex; component of Cor-tar-quin; component of Cort-quin cortisporin; component of Drotic; component of Lubricort; component of Neo-Cort-Dome; component of Nystaform -hc; component of Otagline; component of Otic-neo-cort-dome; component of Otobiotic; component of Otocort