

## Product Datasheet

### THDOC - Tetrahydrodeoxycorticosterone GRP12213

<b>Species/Host</b>	Chicken
<b>Tested Applications</b>	RIA
<b>Immunogen</b>	BSA-coupled THDOC
<b>Form/Appearance</b>	Liquid in PBS pH 8.0, 0.02% sodium azide
<b>Storage</b>	Store at 4°C or at -20°C for long-term storage; make aliquots to avoid working with a stock. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from liquid material adhering to the cap or sides of the tubes.
<b>Note</b>	For research use only.
<b>Clonality</b>	Polyclonal
<b>Purity</b>	Total IgY
<b>Dilution Range</b>	1 : 1000 (RIA)
<b>Application Notes</b>	Background: TetraHydroDesOxyCorticosterone (THDOC) is a stress related neuroactive steroid. THDOC is a metabolite of desoxycorticosterone (DOC) and progesterone and DOC is a steroid in the synthesis pathway to aldosterone. THDOC is produced by the adrenal in parallel with cortisol at stress and is regulated by ACTH. THDOC is a potent positive modulator of the GABA A receptor. THDOC passes the blood-brain barrier and can be found in the brain after stress in nanomolar concentrations.