

Product Datasheet

THDOC - Tetrahydrodeoxycorticosterone GRP12213

Species/Host	Chicken
Tested Applications	RIA
Immunogen	BSA-coupled THDOC
Form/Appearance	Liquid in PBS pH 8.0, 0.02% sodium azide
Storage	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.
Note	For research use only.
Clonality	Polyclonal
Purity	Total IgY
Dilution Range	1 : 1000 (RIA)
Application Notes	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.