

product **AS04 041**
THP | Allopregnanolone

product information

background	Allopregnanolone , (3alpha-hydroxy-5alpha-pregnan-20-ol), also known as 3alpha,5alpha-tetrahydroprogesterone or THP , is a neuroactive steroid secreted by the mammalian ovary and adrenal. It exerts its anesthetic, anxiolytic, and sedative/hypnotic effects through potentiation of GABA A receptors and its release is stimulated by trophic hormones in relation to stress and reproductive hormone secretion.
immunogen	BSA conjugated-allopregnanolone
antibody format	hen; polyclonal; total IgY in PBS pH 8.0 + 0.02% sodium azide; liquid
quantity	100 µl
storage	store at 4 °C; 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.
tested applications	radioimmunoassay (RIA)
additional information	100 µl will be enough to perform 60 double samples, generating standard curve and blank

application information

recommended dilution	1: 1000 (RIA)
expected apparent MW	not applicable
confirmed reactivity	allopregnanolone
predicted reactivity	not applicable
not reactive in	no confirmed exceptions from predicted reactivity known in the moment
additional information	method description available under "more information"
selected references	<u>Timby</u> et al. (2006) Pharmacokinetic and behavioral effects of allopregnanolone in healthy women. <i>Psychopharmacology (Berl)</i> , 186(3):414-424