

product **AS05 088**

### GnRHa | gonadotropin-releasing hormone agonist

#### product information

<b>background</b>	Gonadotropin-releasing hormone ( <b>GnRH</b> ) is considered to stimulate LH secretion from the pituitary. This antibody is raised against an GnRH analog (GnRHa).
<b>immunogen</b>	GnRHa (des-Gly10, D-Ala6, Pro9-NHEt)-LHRH pGlu-His-Trp-Ser-Tyr-D-Ala-Leu-Arg Pro-NHEt C56H78N16O12,FW 1167
<b>antibody format</b>	hen polyclonal total IgY in PBS pH 8.0+ 0.02% sodium azide liquid
<b>quantity</b>	200 µl,
<b>storage</b>	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.
<b>tested applications</b>	ELISA (ELISA)
<b>additional information</b>	to be added when available

#### application information

<b>recommended dilution</b>	1 : : 5 000 (ELISA)
<b>expected   apparent MW</b>	n.a.
<b>confirmed reactivity</b>	GnRHa
<b>predicted reactivity</b>	GnRHa
<b>not reactive in</b>	no confirmed exceptions from predicted reactivity known in the moment
<b>additional information</b>	In ELISA immunoassay anti-GnRHa antibody and sample/standard are added simultaneously within GnRHa coated wells. After incubation, anti-GnRHa antibody bound to the coated GnRHa is detected with HRP-labelled secondary antibodies and color development achieved by addition of TMB reagent.
<b>selected references</b>	<a href="#">Guzmán</a> et al. (2008). Vitellogenin, steroid plasma levels and spawning performance of cultured female Senegalese sole ( <i>Solea senegalensis</i> ). <i>General &amp; Comparative Endocrinol.</i> 156: 285-297.