

Gonadotropin Releasing Hormone Monoclonal Antibodies

ORDERING INFORMATION

Catalog No.: 19301-19304.

Size: 1 ml ascites or 1 mg Protein G-purified antibody in PBS, pH 7.4.

SPECIFICATION SUMMARY

Antigen: Purified human gonadotropin releasing hormone.

Host Species: Mouse

Antibody Class: IgG1

Stabilizers: None.

Preservatives: None. Available on request.

APPLICATIONS

These antibodies may be used in ELISA, immunohistochemistry and RIA to detect and quantitate GnRH.

DILUTION INSTRUCTIONS

Dilute in PBS or medium which is identical to that used in the assay system.

STORAGE AND STABILITY

These antibodies are stable for at least one (1) year at -20 to -70°C. Store product in appropriate aliquots to avoid multiple freeze-thaw cycles.

ACTIVITY

	Ig mg/ml*	ELISA Titer**	ng GnRH for 50% Displacement
19301	17.1	1: 3,200	1.10
19302	18.7	1: 3,200	2.70
19303	16.4	1: 25,600	8.85
19304	21.2	1:102,400	11.30

*Determined by radial immunodiffusion for several lots of ascites.

**ELISA is an indirect assay against human GnRH on the solid phase. Titers represent endpoint dilutions that achieve absorbance values ≥ 0.1 .

REFERENCE

Rajendren G and Gibson MJ (2001) J Neuroendocrinology 13: 270-274.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.