

PRODUCT DATA SHEET

Product Data Sheet:	Sheep Monoclonal Antibody (SMA) to: progesterone (prog.)
SMA Covered	prog.3H3
Production Description	Progesterone is a steroid hormone involved in the cycling female and the assay of progesterone levels is of interest in various aspects of fertility. Prog.3H3 has been raised against a prog-11-BSA immunogen and is intended for use in immunoassays.

Manufacturing Specification

Parameter	Specification	Test Method
Buffer and pH	PBS +0.1% Sodium azide at 7.3-7.4	pH Meter
Antibody Concentration	1-3 mg/mL	A280 (E _c = 1.4)
Purity and Aggregates	Single Main Peak ≥90%	Size Exclusion HPLC
Immunological Activity	±20% biological activity of frozen reference standard	In house ELISA

Conjugate Reactivities (by in-house ELISA)

	prog-11-BSA
prog.3H3	+++

Steroid Cross-reactivity (by in-house ELISA)

Steroid	% cross-reactivity
Progesterone	100
11-OH progesterone	>100
Deoxycorticosterone	1
17-alpha-prog	<1
Pregnenolone	<1
DHEA sulphate	<0.01