

PRODUCT DATA SHEET

Product Data Sheet:	Sheep Monoclonal Antibodies (SMAs) to: androstenedione (andro)
SMA Covered	andro.3C3 & andro.4G8
Production Description	Androstenedione is an androgenic steroid hormone produced by the adrenal cortex and the gonads. The biological importance of andro is greater in women and it is for andro testing in females that these high affinity anti-andro SMAs are intended.

Manufacturing Specification (all SMAs)

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 ≥95%	Size Exclusion HPLC
Immunological Activity	±20% biological activity of frozen reference standard	In house ELISA

ELISA DATA: Conjugate Reactivities (all SMAs)

	Andro-6α-BSA	Andro-6β-BSA	Andro-7-BSA
Conjugate affinity	High	medium	medium

ELISA DATA: Free Steroid Binding (andro = 100%)

	Testo	Estrone	17-O prog	DHEA	DHEA-Sulph.
% cross-reactivity	0.1%	<0.01%	<0.01	<0.1	<0.001