

Certificate of Analysis

Product: Human Serum Specialty– Single Charcoal Stripped and Delipidated
Lot#: 198CM-01A09
Bulk: 1000 Liters
Filled in: 3.5 Liters/Bottle
pH: 7.45 (pH meter)
Preservative: None
Filtration: Filtered through a 0.22micron absolute membrane filter prior to bottling
Storage: -20°C
D.O.M.: 01-12-2009
Expiration date: 01-2014
Bleed testing: All units were tested at the donor level by FDA approved tests found negative to antibodies HIV-I/II, HCV, HTLV-1, HBsAg and Syphilis.

Analyte	Specification and methodology	Result
Aldosterone	60 ng/dL by RIA	<3.0 ng/dL
α - Fetoprotein	150 ng/mL by IMx	1.4 ng/mL
CEA	25 ng/mL by IMx	<0.3 ng/mL
Cortisol	40 μ g/dL by TDx	0.22 μ g/dL
Estradiol	650 pg/mL by RIA	19.4 pg/mL
Ferritin	400 ng/mL by IMx	10 ng/mL
β – hCG	150 mIU/mL by IMx	0.4 mIU/mL
hCG	150 mIU/mL by IMx	0.4 mIU/mL
Prolactin	40 ng/mL by IMx	0.0 ng/dL
PSA	10 ng/mL by IMx	<1.0 ng/dL
Insulin	120 μ IU/mL by IMx	0.0 μ IU/mL
PAP	50 ng/mL by IMx	0.4 ng/mL
Thyroglobulin	60 ng/mL by RIA	0.0 g/dL
Iron	140 μ g/dL by Dimension	83 μ g/dL
Ammonia	<300 μ mol/L by SMAC	50 μ mol/L
Total Protein	>3.0 g/dL by SMAC	4.5 g/dL

Caution: Not for use in products subject to license under section 351 of the public health safety acts. For use in research or manufacturing into non-injectable products only.