

# Mass Spect Gold Human Serum, Ultra-Low Hormones & Steroids

Catalog Number: **MSG4000**

Lot Number:

Storage:	-20 °C	Expiration Date:	<Lot Specific>
Filtration:	0.1 µm	Country of Origin:	USA
Preservative:	None	Source:	Defibrinated Plasma
Manufacture Date:	<Lot Specific>		

## Product Performance Specifications

Test	Specifications	Unit of Measure	Methodology
Glucose	65 - 105	mg/dL	Hexokinase
Sodium	131 – 151	mmol/L	ISE
Potassium	3.5 – 5.5	mmol/L	ISE
Chloride	85 – 108	mmol/L	ISE
Calcium	5.0 – 10.0	mg/dL	Arsenazo III
Total Protein	4.8 – 5.5	g/dL	Biuret
Cholesterol	As Found	mg/dL	Enzymatic
Triglycerides	As Found	mg/dL	GPO
T3	≤0.126	ng/mL	CLIA
T4	≤0.318	µg/dL	CLIA
fT3	≤0.742	pg/mL	CLIA
fT4	≤0.280	ng/dL	CLIA
TSH, 3rd Generation	≤0.01	µIU/mL	CLIA
Progesterone	≤0.1	ng/mL	LCMS
Testosterone	≤2.5	ng/dL	LCMS
Estradiol	≤1.0	pg/mL	LCMS
Cortisol	≤0.270	µg/dL	CLIA
Bioburden	≤1	CFU/mL	USP/BAM
pH	7.0 – 7.5	Not Applicable	pH Meter

## Testing

Each unit of plasma used in the preparation of this material was tested and found negative or non-reactive for HIV 1/2, HBsAg, HCV, HIV-1 (NAT), HCV (NAT), and RPR by FDA approved methods.

## Caution

In-vitro use only. Products are intended for research or manufacturing of non-injectable products only. This material was tested as stated above in the testing section. Nevertheless, products of human origin should be considered potentially infectious and handled according to universal precautions. The safe and responsible handling of the product listed above is the responsibility of the customer. We accept no liability for injury or illness resulting from the use and/or handling of the product. The customer assumes responsibility for the proper disposal of all materials in accordance with Federal and State regulations.

## Warranty

Golden West Diagnostics, LLC makes no claim or warranty that this product will perform or is suitable for use in a customer's application. It is the customer's responsibility to evaluate and qualify the product's suitability for the customer's intended use or application. Furthermore, this product is a biological material and lots may vary so it is the customer's responsibility to determine if an evaluation of each lot is warranted.



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