

Mass Spect Gold Human Serum, Toxicology Neg., Lipid Free**Catalog Number: MSG3200****Lot Number: <Lot Specific>**

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

The following analytes screened by LC/TOF-MS, results are None Detected:

Codeine	Methadone	EDDP	LSD	Oxycodone	MDA
Propoxyphene	Methaqualone	MDMA	Fentanyl	Oxymorphone	MDEA
Nordiazepam	Morphine	6-Mono-Acetylmorphine	Buprenorphine	Hydrocodone	Cotinine
Benzoylcegonine	Phencyclidine	Oxazepam	Temazepam	Hydromorphone	Nicotine
10-Hydroxycarbazepine	Atomoxetine	Citalopram / Escitalopram	Dextro / Levo Methorphan	Flubromazepam	Ketoconazole
2-Furanylfentanyl	Atropine	Clobazam	Dextrorphan / Levorphanol	Flubromazolam	Lacosamide
4-ANPP	Benzotropine	Clomipramine	Diazepam	Flunitrazepam	Lamotrigine
6-Beta-Naltrexol - Free	Bromazepam	Clonazepam	Dibutylone	Fluphenazine	Laudanosine
7-Amino Clonazepam	Brompheniramine	Clonazolam	Diclazepam	Flurazepam	Levamisole
7-Amino Flunitrazepam	Bupropion	Clonidine	Dicyclomine	Fluvoxamine	Levetiracetam
9-Hydroxyrisperidone	Buspiron	Clozapine	Dihydrocodeine / Hydrocodol	Glimepiride	Lidocaine
Acetaminophen	Butorphanol	Cocaethylene	Diltiazem	Glipizide	Loperamide
Acetyl Fentanyl	Butylone	Cocaine	Diphenhydramine	Glyburide	Lorazepam
Acryl Fentanyl	Butyrylfentanyl	Cyclobenzaprine	Donepezil	Guaifenesin	Loxapine
Alfentanil	BZP	Cyclopropylfentanyl	Doxepin	Haloperidol	mCPP
Alpha-Hydroxyalprazolam	Carbamazepine	Delorazepam	Doxylamine	Hydroxybupropion	Memantine
Alpha-Hydroxyetizolam	Carbamazepine-10,11-Epoxyde	Desalkylflurazepam	Duloxetine	Hydroxyethylflurazepam	Meperidine
Alprazolam	Carfentanil	Desipramine	EDDP	Hydroxytriazolam	Meprobamate
Amitriptyline	Carisoprodol	Desmethylclomipramine	Ephedrine	Hydroxyzine	Mescaline
Amlodipine	Chlordiazepoxide	Desmethyldoxepin	Estazolam	Iloperidone	Mesoridazine
Amoxapine	Chlorpheniramine	Desmethylloperamide	Eszopiclone / Zopiclone	Imipramine	Metaxalone
Amphetamine	Chlorpromazine	Desmethylsertraline	Etizolam	Itraconazole	Methamphetamine
Aripiprazole	cis-3-Methylfentanyl	Desmethyltrimipramine	Flecainide	Ketamine	Methocarbamol



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Methylphenidate	Norclozapine	Paroxetine	Quetiapine	Tramadol	Sufentanil
Metoclopramide	Norfentanyl	Perphenazine	Quinidine	trans-3-Methylfentanyl	Tadalafil
Metoprolol	Norflunitrazepam	Phenazepam	Quinine	Trazodone	Vardenafil
Mexiletine	Norfluoxetine	Pheniramine	Risperidone	Triazolam	Xylazine
Midazolam	Norketamine	Phentermine	Sertraline	Trifluoperazine	Yohimbine
Mirtazapine	Normeperidine	Phenylpropanolamine	Sildenafil	Trihexyphenidyl	Zolpidem
Mitragynine	Norpropoxyphene	Phenytoin	Strychnine	Trimipramine	Zonisamide
N-Ethyl Pentylone	Norpseudoephedrine	Primidone	Tapentadol	U-47700	Zaleplon
Nalbuphine	Nortriptyline	Prochlorperazine	Tetrahydrozoline	Valeryl Fentanyl	Ziprasidone
Naloxone	O-Desmethyltramadol	Promazine	TFMPP	Venlafaxine	N/A
Naltrexone	O-Desmethylvenlafaxine	Promethazine	Theophylline	Verapamil	N/A
Naproxen	Olanzapine	Pseudoephedrine	Thioridazine	Voriconazole	N/A
Norbuprenorphine - Free	para-Fluoroisobutyrylfentanyl	Psilocin	Topiramate	Warfarin	N/A

The following analytes screened by GCMS, results have None Detected:

Amobarbital	Butobarbital	Butalbital	Phenobarbital	Pentobarbital	Secobarbital
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The following analytes screened by LC-MS/MS, results are None Detected:

d-methamphetamine	d-amphetamine	Delta-9-THC	Delta-9-THC-COOH	Nitrazepam	N/A
l-methamphetamine	l-amphetamine	11-Hydroxy Delta-9 THC	7-Amino Nitrazepam	N/A	N/A

The following analytes screened by EIA, results are None Detected:

Barbiturates	Cannabinoids	Salicylates	Amphetamines	Benzodiazepines	Cocaine / Metabolites
Methadone / Metabolite	Methamphetamine / MDMA	Opiates	Oxycodone	Oxymorphone	Phencyclidine



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Test	Specifications	Unit of Measure	Methodology
Ethanol	None Detected	N/A	GC
Sodium	131 – 151	mmol/L	ISE
Potassium	3.5 – 5.5	mmol/L	ISE
Chloride	85 – 108	mmol/L	ISE
Total Protein	4.8 – 5.5	g/dL	Biuret
Cholesterol	≤10	mg/dL	Enzymatic
Triglycerides	≤10	mg/dL	GPO
T3	≤0.126	ng/mL	CLIA
T4	≤0.318	µg/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
LH	≤0.010	mIU/mL	CLIA
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.

