



GEMINI
BIO-PRODUCTS

Certificate of Analysis

Created May 31, 2018

Product: **Donor Goat Serum**
0.2µm sterile-filtered

Catalog #: 100-109

Lot #: E53H15I

Origin: United States (100%)

Manufacture Date: Mar 2017

Expiration Date: Mar 2022

| TEST | SPECIFICATION | RESULTS |
|--------------------------------|-----------------|---------------|
| Biological Testing | | |
| Endotoxin | Test and Report | None Detected |
| Microbiological Testing | | |
| Sterility | | |
| Bacteria | No Growth | No Growth |
| Fungi | No Growth | No Growth |
| Mycoplasma | None Detected | None Detected |
| Physical Testing | | |
| pH | 7.0 - 8.5 | 8.0 |
| Biochemical Analysis | | |
| Albumin | Test and Report | 3.0 g/dL |
| Alkaline Phosphatase | Test and Report | 150 U/L |
| ALT (SGPT) | Test and Report | 17 U/L |
| AST (SGOT) | Test and Report | 67 U/L |
| Bilirubin, Total | Test and Report | 0.2 mg/dL |
| BUN | Test and Report | 23 mg/dL |
| Calcium | Test and Report | 2.3 mM |
| Chloride | Test and Report | 106 mM |
| Cholesterol | Test and Report | 54 mg/dL |
| Creatinine | Test and Report | 0.63 mg/dL |
| Glucose | Test and Report | 3.7 mM |
| Hemoglobin | Test and Report | 9.5 mg/dL |
| LDH | Test and Report | 281 U/L |
| Phosphorus | Test and Report | 2.1 mM |
| Potassium | Test and Report | 4.8 mM |
| Protein, Total | Test and Report | 7.1 g/dL |
| Sodium | Test and Report | 143 mM |
| Triglycerides | Test and Report | 14 mg/dL |
| Uric Acid | Test and Report | <1.5 mg/dL |

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