

VACCA FBS

Certificate of Analysis



TETRACYCLINE NEGATIVE, URUGUAY ORIGIN
Fetal Bovine Serum, Tripel 0.1 μm sterile-filtered
Cat. No.VCA-TET-0500
Lot. No.2025101021
Manufacturing Date: 2025-10-21

Biochemical Profile 生化指标检测

Test Project	Specification	Results
Tetracycline	<0.1ug/L	Not Detected
Total Protein (Beckman DXC)/总蛋白	30-45 mg/mL	41.22 mg/mL
Hemoglobin/血红蛋白	≤ 20 mg/dL	10.25 mg/dL
Endotoxin/内毒素	≤ 10 EU/mL	1.27 EU/mL
IgG (ELISA)/免疫球蛋白	≤ 250 mg/L	186 mg/L
Osmolality (Osmometer)/渗透压	260-320 mOsmo/kg	301 mOsmol/kg
pH	7.0-8.5	7.82
Sodium/钠	As reported	113.8 mmol/L
Potassium/钾	As reported	8.90 mmol/L
Chloride/氯化物	As reported	98.2 mmol/L
Anion gap/阴离子间隙	As reported	17.1 mmol/L
Glucose/葡萄糖	As reported	5.8 mmol/L
Creatinine/肌酸酐	As reported	35 mg/L
Urea/尿素	As reported	346 mg/L
Uric Acid/尿酸	As reported	31mg/L
Bilirubin/胆红素	As reported	2.3 mg/L
Calcium/钙	As reported	2.75 mmol/L
Phosphorous/磷	As reported	88 mg/L
Alkaline Phosphatase/碱性磷酸酶	As reported	313 U/L
Gamma Glutamyl Transferase/ γ -谷氨酰转移酶	As reported	5.5 U/L
Alanine Transaminase/丙氨酸转氨酶	As reported	4.9 U/L
Aspartate Transaminase/天冬氨酸转氨酶	As reported	49 U/L
Lactate Dehydrogenase/乳酸脱氢酶	As reported	422 U/L
Triglyceride/甘油三酯	As reported	512 mg/L
Cholesterol/胆固醇	As reported	336 mg/L

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Virus & Microbial Test 病毒及微生物测试

Test Project	Specification	Results
Sterility / 无菌	Sterile	Sterile
Mycoplasma / 支原体	Not Detected	Not Detected
Bovine Respiratory Syncytial Virus / 牛呼吸道合胞病毒	Not Detected	Not Detected
Bovine Viral Diarrhea Virus / 牛病毒性腹泻病毒	Not Detected	Not Detected
Bovine Parvovirus / 牛细小病毒	Not Detected	Not Detected
Bluetongue Virus / 蓝舌病毒	Not Detected	Not Detected
Bovine Adenovirus / 牛腺病毒	Not Detected	Not Detected
Rabies Virus / 狂犬病毒	Not Detected	Not Detected
Reovirus / 呼肠孤病毒	Not Detected	Not Detected
Bovine Rhinotracheitis / 牛鼻气管炎	Not Detected	Not Detected
Para Influenza 3(PI3) / 牛副流感病毒 3 型		

Cellculture Test 细胞培养测试

Test Project	Specification	Results
Cell Doubling Time- SP2/0-Ag14	≤ 20 hours	15 hours
Cell Doubling Time- CHO	≤ 22 hours	19 hours
Cell growth Clone Rate- HEK 293T	$\geq 70\%$	100%

This product is for R&D use only, not for drug, household, or other uses.

Results shown were obtained by carefully performed methods believed to be reliable. However, since some results may vary by methodology, it is suggested that tests for which results are particularly critical be repeated by the end user. Precipitates may develop in this product upon freezing or thawing, this occurrence does not impact culture performance.