



717 Ohio Ave,
Wichita Falls, TX 763001

Calibrator Serum for Non Rutinary Biochemistry, FORM 197 Rev No: 01

Use: IVD

Item: 91072

Intended Use

Calibrator was designed for use with the reagent of the same brand Bialex and is comparable with specific lot, please check before use the lot number. That is not a universal Multicalibrator.

Preparation

Using Class, A volumetric pipette add DI Water (pH: 7.0) 5mL, let for 30 minutes, time to time stir gently.

Keep 2-8°C

After opened it is stable for 3 days,

Reconstituted Frozen Stability 30 days at -20°C < 10% (Avoid repeated freezing and thawing)

Note:

We recommend using new calibrators for each calibration in your automatic instrument

Precaution

All specimens using in the Cal Serum for Non Rutinary Biochemistry should be handled in accordance with good laboratory practices using appropriate precautions as described in the CDC/NIH Manual, "Biosafety in Microbiological and Biomedical Laboratories! 2nd edition, 1988 HHS Publication No (CDC)88- 8395

DBA Bialex, certifies all individual human plasma donor units used to manufacture this lot were tested by FDA approved methods and found to ne nonreactive for HBsAg, HIV-1, HIV-2, and HCV

Calibrator Serum for Non Rutinary Biochemistry LOT: 40613129UN Used by: 2026.06.23

Bialex

Serum analytical (REF of Reagent)	Values at 37°C	Units
Total Bile Acid (TBA -71317)	9.63	µg/mL
Cholinesterase (CHE-71316)	6396	U/L
UREA (UREA-71324)	46.5	mg/dL
Chloride (Cl ⁻ 709141)	103	mmol/L
Sodium (Na-71339)	141	mmol/L
Fe (Ferrozine -71342)	19.8	µmol/L

Assigned values for conversions:

Analyte	Unit1	Unit2	Unit1⇌unit 2
			Factor
TBA	umol/L	ug/ml	0.39⇌2.547
Urea	mmol/L	mg/dl	6⇌0.1667
NA	pmol/L	pg/ml	0.169⇌5.91
NA	umol/24h	ug/24h	0.169⇌5.91
DA	pmol/L	pg/ml	0.153⇌6.53

Control Serum for Non Rutinary Biochemistry (Level 2 – Intermediate value) LOT: 40613129UN Used by: [2026.06.23](#)

Serum analytical	Mean Value	Range	Units
Total Bile Acid	24.7	19.8-29.6	µmol/dL
Bialex Cholinesterase	6396	5117-7675	U/L
Bialex Urea UV	7.75	6.59-8.91	mmol/L
Bialex Chloride	103	97.4-109	mmol/L
Bialex Sodium	141	134-148	mmol/L
Bialex Fe	19.8	16.3-23.3	µmol/L