



Procesamiento de suero basal

Baseline serum processing

Viral & Human Genomics BSL-3 Laboratory, San Luis Potosí State University Faculty of Medicine, January 21, 2026 version 1.0

- 1) Biological Safety Cabinet (BSC) setup, introduce:
 - a) The 50 mL syringe with anticoagulated blood.
 - b) Fresh 0.1% NaOCl reservoir.
 - c) A 50 mL conical tube stand.
 - d) A a non-skirted 50 ml conical tube (for centrifuge)
 - e) A skirted and pre-labeled 50 ml conical tube (for storage).
 - f) A glass Pasteur pipette.
 - g) A plastic transfer pipette.
 - h) A centrifuge bucket with aerosol lid.

- 2) Processing of sample.
 - a) Transfer syringe contents to non-skirted 50 ml conical tube.
 - b) Cap and allow coagulation for 45 min at RT.
 - c) Release clot from tube wall using Pasteur pipette.

- 3) Serum separation:
 - a) Spin at **2000 G for 10 minutes**, slow deceleration.
 - b) Transfer sealed buckets to BSC, only open in BSC.
 - c) Inspect serum clarity, color, and turbidity; re-spin if required.
 - d) Label storage tube with subject ID and date.
 - e) Transfer serum to pre-labeled skirted 50 mL conical.
 - f) Place baseline serum in Cell Biology freezer (Box 19).



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Transfiera sangre a
cónico de 50 mL.

Permita coagulación
por 45 minutos.

2000 G
x 10 min

Transfiera suero a
nuevo cónico de 50 mL.

Almacene en caja 19,
congelador de BioCel.

Transfer blood to
50 mL conical.

Allow blood to clot
for 45 min.

Transfer serum to
new 50 ml conical.

Store in Box 19,
CellBio freezer.



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