ViraLift360™

QUICK GUIDE • BENCH-SIDE WORKFLOW

CAPTIS — POWERING DISCOVERY. IMPACTING PATIENTS.

Kit contents

Component	Store
ViraLift360 Beads	2–8°C

For virus Isolation from Biofluids including cell culture media and saline buffer.

Recommended inputs

Sample	Input	Beads L3	Tube
Biofluids	2 mL	1 mg	5 mL
Biofluids	15 mL	5 mg	15mL

Prepare the sample

If applicable:

- 300 × g for 10 min — remove cells
- 2,000 × g for 10 min — remove debris
- Keep prepared samples on ice

Capture Viruses

1 PREP BEADS

- Vortex beads thoroughly
- Transfer the selected bead volume to a low-binding tube
- Place a tube on the magnetic rack for 15–30 seconds; remove storage buffer completely

2 ADD SAMPLE & MIX

- Add sample directly to the tube with beads from Step 1.
- Invert gently 5–10 times

3 INCUBATION

- Incubate sample with the beads for 15 min
- Rotate at medium speed on a mixer

4 CAPTURE & COLLECT

- Place the tube on the magnetic rack
- Carefully remove supernatant without disturbing beads
- Optional: save supernatant at −80°C for residual analysis.
- Retain virus-bound beads for downstream use

5. CONTINUE WITH DNA or RNA ANALYSIS

- See the supplemental on DNA/RNA isolation