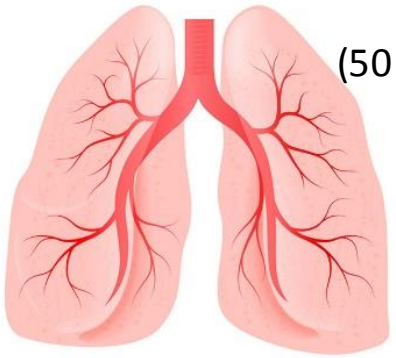

BAL
(50 - 150 mL)

Supernatant conserved at -80 °C
(10 tubes x 1 mL & 1 tube x 15 mL)

Pellet washed
Cells counted

Optional:
Adhere cells
37 °C for 2h

Non-adherent cells

Adherent cells

LSM
20 mL

600 x g
25 min

Peripheral blood mononuclear cells (PBMCs)

Pulmonary mucosal cells

HIV reservoir evaluation by ultrasensitive PCR

Cell sorting into lymphocyte subsets and alveolar macrophages (from BAL) or monocytes (from PBMC) Phenotypic characterization by flow cytometry

Blood
(6 tubes x 10 mL)

Plasma conserved at
-80 °C (20-30 tubes)

+ RPMI
to 25 mL

LSM
20 mL

600 x g
25 min

Peripheral blood mononuclear cells (PBMCs)