

Cell based assays (imaging flow cytometry)

IMAGING FC	
Description	Imaging flow cytometry for characterization of microparticles, identification of proteins associated with microvesicles and detection of rare cellular fractions in blood
Application	Biological biomarkers for inflammatory diseases, malignancies, circulating cancer cells
Readouts	Quantity and phenotype of microparticles
Biomatrix	Plasma*, serum, cell culture supernatant, whole blood [#]
Materials requirement	Samples frozen and stored at -80°C, *citrated
Number of replicates	2
Controls	3
Time	72h
Logistics [#]	collection tubes: Streck Cytocheck BST volume requirements: 5mL storage: RT (20-25°C) transportation: within 72h

Data acquisitions is performed on Amnis Flow Sight

