

Your Partner for Exosomes from Bench to Bedside

1. Sample collection - Processing

Optimized SOPs - Standardization
(including Exosome standards!!)

- Isolate and characterize exosomes from any source
- Stratify patients based on their exosomal RNA fingerprints
- Develop your exosome-based companion diagnostic assay
- Assess whether the target of your drug is present on circulating exosomes
- Quantify immune-therapy biomarkers on exosomes

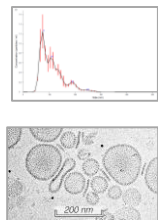
2. Biofluid - blood, urine, CSF, cell culture



- Peptide affinity
- Ab affinity
- Ultracentrifugation
- Chromatography

Choose your exosomes isolation method based on your needs.

3. Exosomes



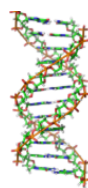
Expert Nano Tracking Analysis (NTA)

Electron Microscopy (EM)

Assess:
- Quantity
- Integrity
- Purity

4a. Nucleic Acids

DNA



RNA



Extract and analyse:

- DNA
- RNA
- Proteome

4b. Proteins

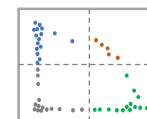


ELISA, WB
Mass Spec ESI,
MALDI TOF-TOF, SEC-MS.

5. Analytical assays



qPCR



ddPCR



NGS



Report

Your insights:

- Exosome characterization
- Patient Stratification
- Patient monitoring