



HQExoTM Exosome-Human breast milk

Catalog: Exo-BF11

PRODUCT INFORMATION

Name	HQExo TM Exosome-Human breast milk
Cat No.	Exo-BF11
Source	Exosome derived from Human Breast Milk (healthy donors)
Product Overview	Exosomes are small membrane vesicles with a size of 30-160 nm that are released by different cell types. They can be found in various body fluids including plasma, malignant ascites, urine, amniotic fluid and saliva, whic h contains a tissue-specific signature wherein a rich cargo of proteins, RNAs, cytokines and lipids are selective ly packaged. Exosome could serve as an emerging platform for diagnostics. HQExo [™] exosomes derived from body fluids could use as disease biomarkers research by ELISA, FACS, WB. Exosome are membranous struct ures and protected from degradation by extracellular proteases, which make the exosomes are highly stable. An d due to the sample complexity reducing compared to the whole bodily fluids, exosome-based biomarker analy sis has attracted more and more attention to clinical diagnostics. Exosome can be purified by ultracentrifugatio n and characterized by nanoparticles tracking analysis (NTA) and ELISA or WB. Lyophilization is useful for a long-term storage at 4°C, and frozen liquid should be kept at -20°C to -80°C. Creative Biostructure standard ex osome products guarantee higher purity and quality to meet our customer's downstream analyses.
Form	Lyophilized powder/ frozen liquid
Concentration	>1x10^10 particles
Storage	Lyophilized powder store at 4 °C. Frozen liquid store at -20°C to -80°C. Recommended to avoid repeated freez e-and-thaw cycles.
Reconstitution	Reconstitute lyophilized exosome by adding deionized water for a desired final concentration. Centrifuge befor e opening to ensure exosomes are at bottom, resuspend exosomes by pipetting and/or vortex, please avoid bub bles. Centrifuge again and mix well for using.