HQExo™ Exosome-Bovine Plasma exosome

Catalog: Exo-EV-A-001

PRODUCT INFORMATION

Name	HQExo™ Exosome-Bovine Plasma exosome
Cat No.	Exo-EV-A-001
Source	Exosome derived from Bovine Plasma
Product Overview	Exosomes are nanosized vesicles (30-160 nm) secreted by exocytosis by most cell types and contain specifical cargos, such as RNAs, lipids, and proteins. The cargos amount and composition of exosomes depend on the cell type from which they are released, which making them useful for biomarker discovery and functional characterization. Exosomes have been isolated from cancer cell lines (human and mouse), which helps understand tumor growth microenvironments. Exosome derived from enormous animal plasma to improve the studies of veterinary diseases. These exosomes can be used to further diagnosis and therapeutics in veterinary pre-clinical and clinical studies. HQExo™ standard exosomes could use as positive controls for exosome isolation and functional research, such as ELISA, FACS, WB. Lyophilization is useful for a long-term storage at 4°C, and frozen liquid should be kept at -20°C to -80°C. Ultracentrifugation and precipitation techniques are mainly used in exosome Isolation. It had been reported that both methods yielded extracellular vesicles in the size range of exosomes, which can be used in downstream analyses. Nanoparticles Tracking Analysis (NTA) is used for measuring exosome particles concentration, and WB or ELISA can be used in exosomal biomarkers analysis. Creative Biostructure standard exosome products guarantee higher purity and quality to meet our customer research.
Description	Animal plasma exosome, Animal derived EV
Form	Lyophilized powder/ frozen liquid
Concentration	>1x10^6 particles
Storage	Store at -20°C or colder. Recommend to avoid repeated freeze-and-thaw cycles.
Reconstitution	Reconstitute lyophilized exosome by adding deionized water for a desired final concentration. Centrifuge before opening to ensure exosomes are at bottom, resuspend exosomes by pipetting and/or vortex, please avoid bubbles. Centrifuge again and mix well for using.