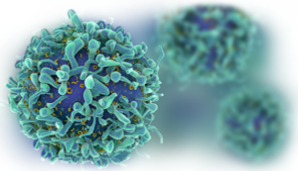

# HQExo™ Exosome-Mouse C57BL/6 Plasma exosome

## Catalog: Exo-EV-A-008

## PRODUCT INFORMATION

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|---|---|
| **Name** | HQExo™ Exosome-Mouse C57BL/6 Plasma exosome |
| **Cat No.** | Exo-EV-A-008 |
| **Source** | Exosome derived from Mouse C57BL/6 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 cel l type from which they are released, which making them useful for biomarker discovery and functional charact erization. Exosomes have been isolated from cancer cell lines (human and mouse), which helps understand tum or growth microenvironments. Exosome derived from enormous animal plasma to improve the studies of veteri nary 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 function al research, such as ELISA, FACS, WB. Lyophilization is useful for a long-term storage at 4°C, and frozen liq uid should be kept at -20°C to -80°C. Ultracentrifugation and precipitation techniques are mainly used in exoso me Isolation. It had been reported that both methods yielded extracellular vesicles in the size range of exosome s, which can be used in downstream analyses. Nanoparticles Tracking Analysis (NTA) is used for measuring e xosome particles concentration, and WB or ELISA can be used in exosomal biomarkers analysis. Creative Bio structure 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 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. |

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