



HQExoTM **Exosome-SDH-Crohn's Disease plasma**

Catalog: Exo-HDBF-08

PRODUCT INFORMATION

| Name | HQExo™ Exosome-SDH-Crohn's Disease plasma |
|------------------|--|
| Cat No. | Exo-HDBF-08 |
| Source | Exosome derived from Single Donor Human Crohn's Disease 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 can deliver a variety of specific proteins, lipids and nucleic acids contained in them to nea |
| | rby or distant target cells, and play the role of intercellular information exchange, thereby participating in the r |
| | egulation of multiple physiological and pathological processes in the human body. Studies have shown that ex |
| | osomes are related to the transport and release of characteristic molecules related to various diseases. The stud |
| | y of exosome from human disease-state body fluids will help us to systematically understand the relationship b |
| | etween exosomes and the occurrence and development of diseases. $HQExo^{TM}$ 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 a |
| | nd precipitation techniques are mainly used in exosome Isolation. It had been reported that both methods yield |
| | ed extracellular vesicles in the size range of exosomes and included apoproteins, which can be used in downstr |
| | eam 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 prod |
| | ucts guarantee higher purity and quality to meet our customer research. |
| Form | Lyophilized powder/ frozen liquid |
| Concentration | 1x10^9 particles |
| Storage | Store at -20°C or colder. Recommend to avoid repeated freeze-and-thaw cycles. |
| | |