

CERTIFICATE OF ANALYSIS

PRODUCT: Exosomes
CATALOG NUMBER: CA-09
STORAGE: -80°C
LOT NUMBER: see table below
LOT COMPOSITION:
Number of donor(s) : NA
Passage number : NA

HANDLING INSTRUCTIONS:

Exosomes provided by client

DESCRIPTION

Samples were received and exosomes characterized as described below.

QUALITY CONTROL

Exosomes were characterized using a Thermo NanoDrop spectrophotometer for protein determination and approximate RNA concentration by direct absorbance; **exosomes were not lysed, stained, or RNA extracted prior to measurements.** Particle diameter and concentration were assessed by Nanoparticle Tracking Analysis (NTA) using a Particle Metrix ZetaView®.

Sample	Protein (mg/mL)	Nucleic Acid			Diameter Mean (nm)	Diameter Mode (nm)	Particles per mL
	Abs @ 280	ng/μl	A260/280	A260/230			
1-200000	58.63	1655.62	0.71	0.5	127.2	115.4	5 x 10E12
2-400000	58.72	1665.74	0.71	0.5	111.1	99.6	6.8 x 10E12
3-800000	60.10	1710.69	0.71	0.49	113.1	92.5	2.1 x 10E13

Precautionary Notes: This product is for research only. It is not intended for human, veterinary or in vitro diagnostic use.
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