

Product Datasheet

Exosome Standards (Human Serum)

NBP2-49827-200ug

Unit Size: 2 x 100ug Vials

Store at 4C. After reconstitution store at -70C.

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Updated 4/2/2024 v.20.1

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NBP2-49827-200ug**Exosome Standards (Human Serum)****Product Information**

| | |
|------------------------------------|---|
| Unit Size | 2 x 100ug Vials |
| Concentration | Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance. |
| Storage | Store at 4C. After reconstitution store at -70C. |
| Reconstitution Instructions | Add deionized water, 100 ul for Standard 100 ug and 30 ul for Standard 30 ug, to get a final concentration of 1 mg/mL. Resuspend exosomes pipetting the solution up and down 10-15 times, avoiding bubbles. Vortex the reconstituted standard for 60 seconds. |
| Buffer | Lyophilized from human serum |

Product Description

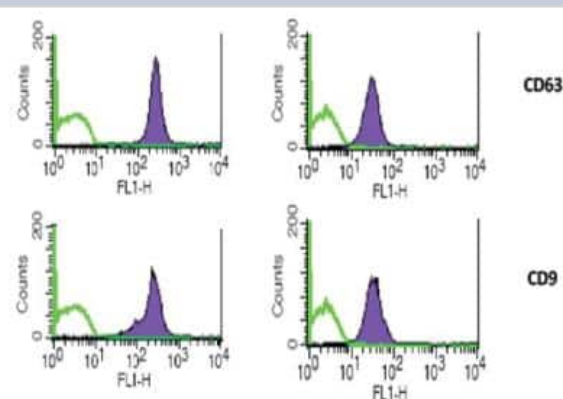
| | |
|---------------------------|--|
| Description | Highly pure, lyophilized exosome standards with superior stability, optimal for multiple applications including: Assay calibration, Spike-in control for exosome quantification, Protein marker analysis for different techniques such as Western Blot and Flow Cytometry, Extraction and analysis of exosomal RNA and DNA. Quantity per vial of 30 ug size (number of particles in 30 ug: $> 1 \times 10^8$). Quantity per vial of 100 ug size (number of particles in 100 ug: $> 1 \times 10^{10}$). |
| Preparation Method | Isolation involves Tangential flow filtration combined with Size Exclusion Chromatography. Exosomes (small EVs) are quantified and validated for protein content and particle number by Nanoparticle Tracking Analysis as well as for common tetraspanins marker validation. Lyophilization does not alter stability of exosome proteins and nucleic acids. |

Product Application Details

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|------------------------------|---|
| Applications | ELISA, Electron Microscopy, Flow Cytometry, Nucleic Acid Extraction |
| Recommended Dilutions | Flow Cytometry, ELISA, Electron Microscopy, Nucleic Acid Extraction |

Images

Flow Cytometry: Exosome Standards (Human Serum) [NBP2-49827] - Phenotyping assays by FACS. Reconstituted Exosomes can be used for profiling biomarkers by FACS analysis. Recommended quantity: 5 ug of reconstituted Exosomes Standards for each test





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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