

Exosomes: Kits & Reagents

Lyophilized Standards | Isolation | Quantification | Nucleic Acid Extraction | Antibodies | Liquid Biopsy

Exosomes are small endosome derived lipid nanoparticles, actively secreted by exocytosis in most living cells. Exosomes have pleiotropic physiological and pathological functions and play significant roles in diverse pathological conditions such as cancer, infectious and neurodegenerative diseases. AMSBIO is excited to offer a wide selection of high quality reagents and kits for exosome purification, characterization, and engineering to facilitate your Exosome Research.

Lyophilized Standards

Our lyophilized exosome standards are standardized positive controls for immunocapture performance evaluation. Best control standards for FACS, WB, ELISA and more.



Description	Pack Size	Cat. No.
<i>ExoStd Lyophilized Exosome Standards from Human Biofluids</i>		
Lyophilized exosomes from Urine of Healthy donors	2x30 μ g vial	M1044-2
Lyophilized exosomes from Urine of Healthy donors	5x30 μ g vial	M1044-5
Lyophilized exosomes from Urine of Healthy donors	2x100 μ g vial	M1045-2
Lyophilized exosomes from Urine of Healthy donors	5x100 μ g vial	M1045-5
Lyophilized exosomes from Plasma of Healthy donors	2x30 μ g vial	M1040-2
Lyophilized exosomes from Plasma of Healthy donors	5x30 μ g vial	M1040-5
Lyophilized exosomes from Plasma of Healthy donors	2x100 μ g vial	M1040-100-2
Lyophilized exosomes from Plasma of Healthy donors	5x100 μ g vial	M1040-100-5
Lyophilized exosomes from Human Serum of Healthy donors	2x30 μ g vial	M1043-2
Lyophilized exosomes from Human Serum of Healthy donors	5x30 μ g vial	M1043-5
Lyophilized exosomes from Human Serum of Healthy donors	2x100 μ g vial	M1043-100-2
Lyophilized exosomes from Human Serum of Healthy donors	5x100 μ g vial	M1043-100-5
Lyophilized exosomes from MSC from human adipose tissue	2x100 μ g vial	M1041-100-2
Lyophilized exosomes from MSC from human adipose tissue	5x100 μ g vial	M1041-100-5
<i>ExoStd Lyophilized Exosome Standards from Cell Culture Media</i>		
Lyophilized exosomes from HEK293 cell line	2x30 μ g vial	M1047-2
Lyophilized exosomes from HEK293 cell line	5x30 μ g vial	M1047-5
Lyophilized exosomes from HEK293 cell line	2x100 μ g vial	M1047-100-2
Lyophilized exosomes from HEK293 cell line	5x100 μ g vial	M1047-100-5

Description	Pack Size	Cat. No.
<i>ExoStd Lyophilized Exosome Standards from Cell Culture Media</i>		
Lyophilized exosomes from COLO1 cell line	2x30µg vial	M1048-2
Lyophilized exosomes from COLO1 cell line	5x30µg vial	M1048-5
Lyophilized exosomes from COLO1 cell line	2x100µg vial	M1048-100-2
Lyophilized exosomes from COLO1 cell line	5x100µg vial	M1048-100-5
Lyophilized exosomes from HCT116 cell line	2x30µg vial	M1058-2
Lyophilized exosomes from HCT116 cell line	5x30µg vial	M1058-5
Lyophilized exosomes from HCT116 cell line	2x100µg vial	M1058-100-2
Lyophilized exosomes from HCT116 cell line	5x100µg vial	M1058-100-5
Lyophilized exosomes from HT29 cell line	2x30µg vial	M1049-2
Lyophilized exosomes from HT29 cell line	5x30µg vial	M1049-5
Lyophilized exosomes from HT29 cell line	2x100µg vial	M1049-100-2
Lyophilized exosomes from HT29 cell line	5x100µg vial	M1049-100-5
Lyophilized exosomes from PC3 cell line	2x30µg vial	M1060-2
Lyophilized exosomes from PC3 cell line	5x30µg vial	M1060-5
Lyophilized exosomes from PC3 cell line	2x100µg vial	M1060-100-2
Lyophilized exosomes from PC3 cell line	5x100µg vial	M1060-100-5
Lyophilized exosomes from LnCAP cell line	2x30µg vial	M1061-2
Lyophilized exosomes from LnCAP cell line	5x30µg vial	M1061-5
Lyophilized exosomes from LnCAP cell line	2x100µg vial	M1061-100-2
Lyophilized exosomes from LnCAP cell line	5x100µg vial	M1061-100-5
Lyophilized exosomes from A549 cell line	2x30µg vial	M1066-2
Lyophilized exosomes from A549 cell line	5x30µg vial	M1066-5
Lyophilized exosomes from A549 cell line	2x100µg vial	M1066-100-2
Lyophilized exosomes from A549 cell line	5x100µg vial	M1066-100-5
Lyophilized exosomes from NCI-H1975 cell line	2x30µg vial	M1062-2
Lyophilized exosomes from NCI-H1975 cell line	5x30µg vial	M1062-5
Lyophilized exosomes from NCI-H1975 cell line	2x100µg vial	M1062-100-2
Lyophilized exosomes from NCI-H1975 cell line	5x100µg vial	M1062-100-5
Lyophilized exosomes from U87 GM cell line	2x30µg vial	M1054-2
Lyophilized exosomes from U87 GM cell line	5x30µg vial	M1054-5
Lyophilized exosomes from U87 GM cell line	2x100µg vial	M1054-100-2
Lyophilized exosomes from U87 GM cell line	5x100µg vial	M1054-100-5
Lyophilized exosomes from SK-N-SH cell line	2x30µg vial	M1056-2
Lyophilized exosomes from SK-N-SH cell line	5x30µg vial	M1056-5
Lyophilized exosomes from SK-N-SH cell line	2x100µg vial	M1056-100-2
Lyophilized exosomes from SK-N-SH cell line	5x100µg vial	M1056-100-5
Lyophilized exosomes from K562 GM cell line	2x30µg vial	M1068-2
Lyophilized exosomes from K562 GM cell line	5x30µg vial	M1068-5
Lyophilized exosomes from K562 GM cell line	2x100µg vial	M1068-100-2
Lyophilized exosomes from K562 GM cell line	5x100µg vial	M1068-100-5
Lyophilized exosomes from B16F10 cell line	2x30µg vial	M1070-2
Lyophilized exosomes from B16F10 cell line	5x30µg vial	M1070-5
Lyophilized exosomes from B16F10 cell line	2x100µg vial	M1070-100-2
Lyophilized exosomes from B16F10 cell line	5x100µg vial	M1070-100-5
Lyophilized microvesicles from HEK293 cell line	50µg vial	M2010
Lyophilized microvesicles from COLO1 cell line	50µg vial	M2110
Lyophilized microvesicles from NCI-H1975 cell line	50µg vial	M2210
Lyophilized microvesicles from U87 GM cell line	50µg vial	M2310
Lyophilized microvesicles from SK-N-SH cell line	50µg vial	M2410
Lyophilized microvesicles from HCT116 cell line	50µg vial	M2510

Description	Pack Size	Cat. No.
<i>ExoStd Lyophilized Exosome Standards from Cell Culture Media</i>		
Lyophilized microvesicles from PC3 cell line	50µg vial	M2610
Lyophilized microvesicles from LnCAP-1 cell line	50µg vial	M2710
Lyophilized microvesicles from A549 cell line	50µg vial	M2810
Lyophilized microvesicles from K562 cell line	50µg vial	M2910
Lyophilized microvesicles from B16F10 mouse cell line	50µg vial	M3010
Green fluorescent labeled exosomes (bodipy)	1x100µg vial	M3110
Fluorescent labeled Microvesicles (1 vial, 50µg)	1x50µg vial	M3210
HEK293 purified EVs expressing EGFP CD63 conjugated	100 ul	M3310

Isolation Tools

For fast, scalable, and reproducible exosome isolation from small volumes of biofluids & cell culture media.



Chemical precipitation-based isolation method for extracellular vesicles (EVs) from bio-fluids, cell culture supernatants, & plant extracts.

Description	Pack Size	Cat. No.
<i>Chemical Isolation</i>		
ExoPure for exosome isolation from Plasma and serum	5 ml	K1238-5
ExoPure for exosome isolation from Urine	30 ml (25 react)	K1240-25
ExoPure for exosome isolation from Cell Media	25 ml (25 react)	K1237-25



Immunoplates, Immunobeads & Size Exclusion Chromatography Columns for efficient isolation and purification of EVs.

Description	Pack Size	Cat. No.
<i>Immunoaffinity Isolation</i>		
ExoUltra Immunoplate for capture of CD9 positive Exosomes (Human Serum)	1 plate	M1007-100-T
ExoUltra Immunoplate for capture CD63 positive Exosomes (Concentrated Cell culture supernatants)	1 plate	M1015-100-T
ExoUltra Immunoplate for capture TM9SF4 positive exosomes	1 plate	M1016-100-T
ExoUltra Immunoplate for capture L1CAM positive exosomes	1 plate	M1019-100-T
ExoUltra Immunoplate for capture EphrinB positive exosomes	1 plate	M1022-100-T
ExoUltra Immunoplate for capture PLP1 positive Exosomes	1 plate	M1021-100-T
ExoUltra Immunobeads for capture of CD9 positive Exosomes (0.4 micron)	10 reactions	M1036-10
ExoUltra Immunobeads for capture of CD9 positive Exosomes (1 micron)	10 reactions	M1037-10
ExoUltra Immunobeads for capture CD63 positive Exosomes (0.4 micron)	10 reactions	M1038-10
ExoUltra Immunobeads for capture CD63 positive Exosomes (1 micron)	10 reactions	M1039-10
ExoUltra Immunobeads for Mouse exosome capture (CD9 Positive) (0.4 micron)	10 reactions	M1034-10
ExoUltra Immunobeads for Mouse exosome capture (CD9 Positive) (1 micron)	10 reactions	M1035-10
ExoUltra Immunobeads for capture TM9SF4 positive exosomes (0.4 micron)	10 reactions	M1032-10
ExoUltra Immunobeads for capture TM9SF4 positive exosomes (1 micron)	10 reactions	M1033-10
<i>Size Exclusion Chromatography</i>		
ExoUltra: Size exclusion chromatography column	5 columns	K1246-5
ExoUltra: Size exclusion chromatography column	10 columns	K1246-10
ExoUltra-min: Size exclusion chromatography column	10 columns	K1247-10
ExoUltra-min: Size exclusion chromatography column	20 columns	K1247-20
ExoUltra-max: Size exclusion chromatography column	3 columns	K1248-3
ExoUltra-max: Size exclusion chromatography column	6 columns	K1248-6
ExoUltra PLUS: Size exclusion chromatography columns and TFF concentrator	5 columns + 1 TFF concentrator	K1246-PLUS
ExoUltra-max PLUS: Size exclusion chromatography column and TFF concentrator	1 column + 1 TFF concentrator	K1248-PLUS
ExoUltra PLUS: Size exclusion chromatography columns, TFF-Simple, TFF-Micro	5 columns + 2 TFF concentrator	K1246-2-PLUS



Ultrafiltration (UF) concentrator to enhance the recovery of extracellular vesicles (EVs) during the concentration or buffer exchange step.

Description	Pack Size	Cat. No.
<i>Ultrafilters</i>		
ExoSpin: Ultrafiltration concentrator, MWCO 100 kDa, 24 pcs.	24 concentrators	M1524-24
ExoSpin: Ultrafiltration concentrator, MWCO 100 kDa, 48 pcs.	48 concentrators	M1524-48



Tangential flow filtration (TFF) for rapid and efficient purification of biomolecules in industrial applications.

Description	Pack Size	Cat. No.
<i>Ultrafilters</i>		
TFF-Simple - tangential flow filtration concentrator	1 concentrator	TFF-1040
TFF-Simple - tangential flow filtration concentrator	5 concentrators	TFF-1041
TFF-Micro- tangential flow filter for large EV separation and recovery	1 filter	TFF-1042
TFF-Exo - tangential flow filter for EV purification, small	1 filter	TFF-1043
TFF-Exo - tangential flow filter for EV purification, large	1 filter	TFF-1044

Quantification

Reliable & optimized tools for quantification and characterization of extracellular vesicles in complex biological samples and cellular models.



ELISA kits for exosome quantification and characterization.

Description	Pack Size	Cat. No.
ExoMeasure for Overall Exosome capture and quantification from human Plasma	KIT	K1201
ExoMeasure for Overall Exosome capture and quantification from human Urine	KIT	K1202
ExoMeasure for Overall Exosome capture and quantification from human Serum	KIT	K1203
ExoMeasure for Tumor-derived Exosome enrichment and quantification from Human Plasma (COLO1)	KIT	K1204
ExoMeasure for Overall Exosome capture and quantification from Cell Media (COLO1)	KIT	K1205



Ready-to-use kit for EV FACS analysis. Allows exosome isolation & subsequent FACS analysis of exosome markers.

Description	Pack Size	Cat. No.
ExoFluor ready to use kit for analysis of human PLASMA exosomes	KIT	K1232
ExoFluor ready to use kit for analysis of human SERUM exosomes	KIT	K1233
ExoFluor ready to use kit for analysis of human URINE exosomes	KIT	K1235
ExoFluor ready to use kit for analysis of exosomes markers from cell media	KIT	K1236
ExoFluor ready to use kit for analysis of exosomes markers from MSC exosomes	KIT	K2128



Easily evaluate functionality and stability of eukaryotic cell-derived EVs via detection of enolase enzymatic activity; a marker of glycolysis.

Description	Pack Size	Cat. No.
ExoEnolase	KIT	K2129

Nucleic Acid Isolation

Exosome immunocapture and RNA extraction kit. Allows isolation and extraction of high-quality total RNA from the overall exosome.



Description	Pack Size	Cat. No.
RNA Basic Kit	25 Reactions	K1222-25

Antibodies

Validated exosomal monoclonal and polyclonal antibodies: CD9, CD63, CD41, Cd81, CD44, Caveolin-1, Alix, TM9SF4, Flotillin, Rab5, HSP70, TM9ST3, TM9SF4.



Description	Pack Size	Cat. No.
Anti-TSG101 mouse monoclonal	100 ug	K2130
Anti-CD9 mouse monoclonal unconjugated	100 ug	K2131
Anti-CD9 mouse monoclonal Biotin-conjugated	100 ug	K2132
Anti-CD63 mouse monoclonal unconjugated	100 ug	K2133
Anti-CD81 mouse monoclonal unconjugated	100 ug	K2134
Anti-CD44 mouse monoclonal unconjugated	100 ug	K2135
Anti-Caveolin1 mouse monoclonal unconjugated	100 ug	K2136
Anti-ALIX mouse monoclonal unconjugated	100 ug	K2137
Anti-CD41 mouse monoclonal unconjugated	100 ug	K2138
Anti-HSP70 mouse monoclonal unconjugated	100 ug	K2139
Anti Rab5 rabbit polyclonal unconjugated	100 ug	K2140
Anti TM9SF4 rabbit polyclonal unconjugated	100 ug	K2141
Anti-flotillin rabbit polyclonal unconjugated	100 ug	K2142

Liquid Biopsy

Isolate and analyze EVs from non-invasive blood & urine samples for real-time snapshots of tissue homeostasis. Optimized for biomarker discovery and clinical diagnostic development.


Description	Pack Size	Cat. No.
ExoGAG	24 reactions	K1255-24
ExoBiopsy	24 reactions	K1256-24

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08/22

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