

Exo Lab Italia srl Località Boschetto di Pile (AQ), Italy 02294980681

Phone: +393806812563 www.exolabitalia.com

PRODUCT DETAILS OF MALUS DOMESTICA PDNVs (ITbio-PDNVs $^{\text{TM}}$)

(LYOPHILIZED FORM)

NanoVesicles) are nano-sized vesicles surrounded by a lipid-enriched membrane and containing different natural compounds, including vitamins, antioxidants, proteins, nucleic acids and other metabolites. Exo Lab Italia © purify and concentrate PDNVs exclusively from Malus domestica Gala from Italian organic agriculture. The PDNVs are purified and concentrated using ultracentrifugation process in a sterile environment. Origin		Malus domestica Gala PDNVs (Plant-Derived
Description Intended Use Description Description Intended Use Intalia Purify and concentrate PDNVs exclusively from Malus domestica Gala from Italian organic agriculture. The PDNVs are purified and concentrated using ultracentrifugation process in a sterile environment. Origin Origin PDNVs Number Size 2x 10 ¹⁰ Size 2x 1.7 +/- 5.6 nm PH value 4.08 Form Lyophilized Reconstitution Reconstitute the lyophilized PDNVs with 500-1000 μl of sterile H₂O or PBS This product is intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use. BLS 1 Handling Procedures Intended Use Intended Use Intended Use Intended Use Ratina PDNVs: Intended Use Int		`
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from Malus domestica Gala from Italian organic agriculture. The PDNVs are purified and concentrated using ultracentrifugation process in a sterile environment. Origin Malus domestica Gala PDNVs Number 2 x 10 ¹⁰ Size 241.7 +/- 5.6 nm pH value 4.08 Form Lyophilized Reconstitution Reconstitute the lyophilized PDNVs with 500-1000 μl of sterile H₂O or PBS PDNVs were characterized by concentration and size distribution, pH value, and tertaspanin-8 (TET-8) expression. Shipping conditions 2.8°C ITbio-PDNVs™ can be stored at +4°C for a short time and at -80°C for no more than 1 year. It is recommended to aliquot PDNVs in the desired volume and store asap -80°C (active for up to 1 year). Avoid repeated freeze-and thaw cycles. - For in vitro and in vivo studies - Darg delivery system This product is intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use. Exo Lab Italia srl works in respect of the normative of BLS 1 Preparation of reconstituted PDNVs: 1. Add 500-1000 μl of sterile H₂O or PBS 2. Mix by pipetting up and down and by vortexing 3. Store at 4°C short term (see Storage		Italia ® purify and concentrate PDNVs exclusively
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	4. For long term storage, prepare multiple aliquots for use and store at -20°C/-80°C (see Storage Conditions section), avoiding freeze/thaw cycles.
Material Citations	If use of this material results in a scientific publication, please cite the material in the following manner: ITbio-PDNVs TM from <i>Malus domestica</i> Gala by Exo Lab Italia at Tecnopolo d'Abruzzo (AQ) - Italy
References	www.exolabitalia.com
Warranty	Exo Lab Italia ® represents and warrants: (i) any declaration contained in this document, particularly in relation to the identity of the PDNVs and its composition; (ii) to identify the applicable legal requirements under the legislation on protection of workers and environment; (iii) to keep track of the quantities of PDNVs used and to be able to provide documentation (e.g., shipping documents, disposal records, process leakage information, etc.) that attests the fact that records of these quantities are kept; (iv) that PDNVs are not supplied by Exo Lab Italia ® to the public; (v) that the substance will only be handled by internal staff appointed by Exo Lab Italia ®.
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