

ICT-LPM Certificate of Analysis



Product Description

Product Name: Collective LV Packaging Mix
Catalog Number: *ICT-LPM*
Lot Number: PREP3051

Quantity: Small (10 µg), Medium (50 µg), Large (250 µg)

Concentration: 0.25 µg/µL

Recommended Dosing: 12 µL(3 µg)/10cm plate

Storage Buffer: TE

Shipping Condition: Dry Ice

Storage Condition: Store at ≤-20°C upon receipt. Freeze-thaw cycles will decrease activity.

Shelf Life: Two years from date of receipt under proper storage conditions.

Description: The Collective LV Packaging Mix (*ICT-LPM*) is a concentrated plasmid mix used in the transient transfection of HEK293T cells for packaging Collective lentiviral particles. When labeled with a Collective Targeting Adapter, LV are retargeted to the receptor targeted by the Targeting Adapter. See **Collective LV Targeting Kit User Guide** for user protocol.

Related Products: Collective LV CD3 Targeting Kit (*ICT-LTK*),
Collective CD3 Targeting Adapter (*ICT-TAC3*)

QC Data

QC Items	Specifications	Result
Appearance	Colorless, clear, free of foreign particles	Pass
Sequence Accuracy	Sequence verification match	Pass
Electrophoresis Analysis	Expected band size detected in agarose gel electrophoresis	Pass
A260/280	1.8-2.0	Pass
Residual RNA	Not visible on agarose gel	Pass
E. Coli Genomic DNA	The intensity of genomic DNA ≤15% of that of all bands	Pass
Homogeneity	≥80% supercoiled	Pass
Endotoxin	≤0.01 EU/ug	Pass
p24 ELISA	Expected LV yield when used for packaging	Pass
Specificity	LV retargeted to human-CD3 when labeled with CD3 Targeting Adapter	Pass

Certified By: CXF
Quality Assurance By: RLV
Effective Date: March 24, 2026

Limited Product Warranty

This warranty limits our liability to replacement of this product. No other warranties of any kind, express or implied, including, without limitation, implied warranties of merchantability or fitness for a particular purpose, are provided by Imanis. Imanis shall have no liability for any direct, indirect, consequential, or incidental damages arising out of the use, the results of use, or the inability to use this product.

Note: This product may not be used in combination with lentiviral vectors encoding CD19 or CD20 CARs.

This certificate is a declaration of analysis at the time of manufacture.

For research use only. Not intended for any animal or human therapeutic or diagnostic use.