

Certificate of Analysis

LV-MAX™ Lentiviral Packaging Mix

Product No. A43237

Lot No. 2639365

Date of Manufacture 15-Mar-2023

Restriction Enzyme Analysis

LV-MAX™ Lentiviral Packaging Mix consists of a mixture of the pLP1, pLP2, and pLP/VSVG plasmids. The mixture of the three plasmids is qualified by restriction analysis. Restriction digests must demonstrate the correct banding pattern when electrophoresed on an agarose gel. The tables below list the restriction enzymes and the expected fragments.

LV-MAX™ Lentiviral Packaging Mix

<u>Restriction Enzyme</u>	<u>Expected Fragments (bp)</u>
<i>Afl II / Age I</i>	7630, 5821, 4180, 1259

Purity

To ensure purity, the absorbance at 260 nm (A_{260}) and the absorbance at 280 nm (A_{280}) of the vector preparations are measured by spectrophotometry. The A_{260}/A_{280} ratio must be between 1.8 - 2.0.

Results

Meets all specifications

For Research Use Only. Not for use in diagnostic procedures.

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