

Certificate of Analysis

Gibco™ AAV-MAX Control Plasmid Kit

Product No. A47672, 17875057

Lot No. 3070305

Date of Manufacture 02-Oct-2024

Expiration Date 31-May-2025

Restriction Enzyme Analysis

AAV-MAX™ Control Plasmid Kit contains 4 vials. The AAV-MAX Control Mix is a mixture of the AAV-MAX pHelper, AAV-MAX pAAV-Rep2Cap2, and AAV-MAX pAAV-CMV-emGFP 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 table below lists the restriction enzymes and the expected fragments for the AAV-MAX Control Mix and the three individual plasmids included in the kit.

Description	Restriction Enzyme	Restriction Digest Pattern
AAV-MAX Control Mix	Hind III	9479, 7413, 5294, 2104 bp
AAV-MAX pHelper Plasmid	NgoMIV	4335+2207+1698+1548+1153+479+63 bp
AAV-MAX pAAV-Rep2Cap2 Plasmid	Pst I	3650+2300+1463 bp
AAV-MAX pAAV-CMV-EmGFP Plasmid	Sma I	2665+2618+11 bp

Results: Meet Specifications.

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: Meet specifications

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

Thermo Fisher Scientific
Life Sciences Solutions
5781 Van Allen Way
Carlsbad, CA, USA 92008
<https://www.thermofisher.com>
For inquiries, contact us at cofarequests@thermofisher.com

A handwritten signature in blue ink, appearing to read 'Chevohn Joseph', with a long horizontal flourish extending to the right.

Chevohn Joseph
Director, Quality
Issued on 03-Oct-2024