

Certificate of analysis pP6L Plasmid production

Order Number: **XXX, vector backbone pXY**
Customer: **XXX**

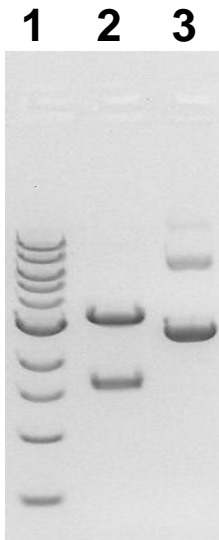
Order: pP6L Plasmid production

Plasmid production of the customer vector pXY

Documentation:

Delivered amount of pDNA:	173.0 mg
Concentration:	1.0 mg / ml in TE10.1 buffer
Appearance by visual inspection:	clear, colourless solution
Identity by restriction mapping:	conforms, see restriction analysis
Identity by sequencing:	conforms, see additional documentation
OD260/280 value 1.8 – 2.0:	1.89
Endotoxin content:	1.8 EU / mg pDNA
Bioburden test:	no growth on LB ₀ plates within 48 hours
Residual genomic host DNA:	not visible on agarose gel
Residual host RNA:	not visible on agarose gel

Restriction analysis



lane 1: 1kb DNA ladder standard (NEB)

lane 2: 500 ng plasmid DNA was digested using 10U of EcoRV and 10U of NdeI restriction enzymes. After 1 h of incubation at 37°C DNA was separated by agarose gel electrophoresis and visualized using EtBr staining.

lane 3: 500 ng plasmid DNA, **not** digested. DNA was separated by agarose gel electrophoresis and visualized using EtBr staining.

Date: 04 März 2010
Signature releasing person:

Signature QA responsible:

GeneDelivery / Quality Control

Quality Assurance

GENEART AG

www.geneart.com

info@geneart.com