



Quality... It's In Our DNA™

# DNA PLASMIDS

RESEARCH

PRE-CLINICAL

CLINICAL

COMMERCIAL

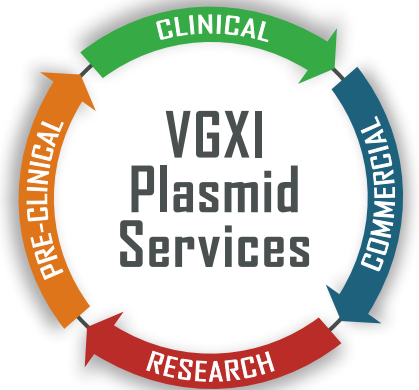
## HD PRODUCTION SERVICE

### Highly Documented Plasmids Suitable for cGMP Virus Production and Toxicology Studies

**10-100L  
FERMENTATION**

The VGXI HD Plasmid Production Service provides high purity, low endotoxin plasmid preparations suitable for use as a raw material in cGMP manufacturing (e.g. virus production and diagnostic reagent manufacturing). HD plasmid can also be used in safety and toxicology studies. This service employs the same patented manufacturing technology as VGXI's cGMP Production Service ensuring consistent, reliable quality. Production is highly documented and a detailed certificate of analysis is provided.

Contact us today for a quotation. 281.296.7300



Full Spectrum Production Services  
Inquire at [plasmids@vgxii.com](mailto:plasmids@vgxii.com)  
Or Call **281.296.7300**

### Specifications

APPLICATIONS	FEATURES	QC TESTING	
<ul style="list-style-type: none"> <li>GMP virus production</li> <li>Safety and toxicology studies</li> </ul>	<ul style="list-style-type: none"> <li>10-100L fermentation</li> <li>Made using the same patented process as the VGXI cGMP Production Service</li> </ul>	<ul style="list-style-type: none"> <li>Nucleic acid concentration by A260 absorbance</li> <li>Purity by A260 / A280 ratio</li> </ul>	
OPTIONAL SERVICES			<ul style="list-style-type: none"> <li>High quality, low impurity plasmid products</li> </ul>
<ul style="list-style-type: none"> <li>Process development</li> <li>Aseptic fill/finish</li> </ul>	<ul style="list-style-type: none"> <li>Up to 2 grams of DNA delivered</li> <li>Highly documented production</li> <li>Suitable for plasmids up to 15kb</li> <li>Highly concentrated up to 15 mg/mL</li> <li>PD Summary Report provided</li> </ul>	<ul style="list-style-type: none"> <li>Identity confirmation by restriction analysis</li> <li>Structural integrity (% supercoiled DNA) by HPLC</li> <li>Endotoxin level (LAL Assay)</li> <li>Percent host cell protein, RNA and gDNA</li> <li>pH</li> <li>Optional sterility/bioburden testing</li> </ul>	
QUALITY ASSURANCE			<ul style="list-style-type: none"> <li>Calibrated equipment</li> <li>Validated QC methods</li> <li>In-process and release QC testing</li> <li>Detailed certificate of analysis</li> <li>Formal QA document review</li> </ul>

### About VGXI

With more than 15 years of experience manufacturing DNA plasmids, VGXI has produced cGMP-grade products for numerous clinical trials in the U.S., Europe and Asia. In addition to cGMP contract manufacturing, VGXI provides

plasmid preparation services for the full spectrum from research through commercial supply. This comprehensive solution offers clients the advantage of using one supplier throughout the entire research and development cycle.