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## Plasmid DNA cGMP manufacturing services Carlsbad, California

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### Capacity and flexibility can get you to market faster.

Plasmid DNA forms the genetic foundation for many therapeutic strategies, and the growth of cell and gene therapies as well as the rapid emergence of the mRNA vaccine market has created intense pressure for manufacturing of cGMP plasmid DNA. Thermo Fisher Scientific has responded to the call by expanding capacity and service offerings so you can get to market faster.

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### Carlsbad, CA cGMP plasmid DNA services capabilities

Process development	QC and analytical	cGMP manufacturing
<ul style="list-style-type: none"><li>• 1,000 sq. ft. development space</li><li>• Plasmid vector selection</li><li>• Cell line selection</li><li>• RCB, MCB, WCB</li><li>• Process and cell line optimization</li></ul>	<ul style="list-style-type: none"><li>• 3,000 sq. ft. of QC labs</li><li>• Analytical method transfer and validation</li><li>• Standard analytical offering for MCB, in-process testing and plasmid release</li><li>• GMP standard for clinical and commercial</li><li>• Stability</li></ul>	<ul style="list-style-type: none"><li>• 14,000 sq. ft. cGMP suites</li><li>• Clinical to commercial</li><li>• Aseptic fill-finish in isolator</li><li>• Master cell banking</li><li>• Storage in temperature-controlled GMP warehousing</li></ul>

## Capacity to grow with you

- 1 single use process train, 2 x 1,000L
- Buffer prep suite, upstream suite, downstream suite, and fill/finish suite
- Significant expansion potential
- Future 300L and 30L trains (4 additional @ 11,000 sq. ft.)



***Put our cGMP plasmid DNA services to work for you.***

***For more detailed capabilities and capacity information please contact your Thermo Fisher Scientific representative.***

## **From molecule to medicine: An integrated partner for every step in your drug development journey.**

From the earliest stages of development to final distribution to your patient, together, we can make an impact. With more than 65 facilities across 25 countries, Thermo Fisher Scientific pharma services provides end-to-end capabilities across all phases of development, including API, biologics, viral vectors, cGMP plasmids, formulation, clinical trials solutions, logistics services and commercial manufacturing and packaging. We give pharma and biotech companies of all sizes instant access to technical experts across the Americas, Europe, Asia and Australia. Through our Quick to Care™ program, we provide drug development and clinical services that are tailored to fit your unique drug development journey.



**Discover the power of our global network.**