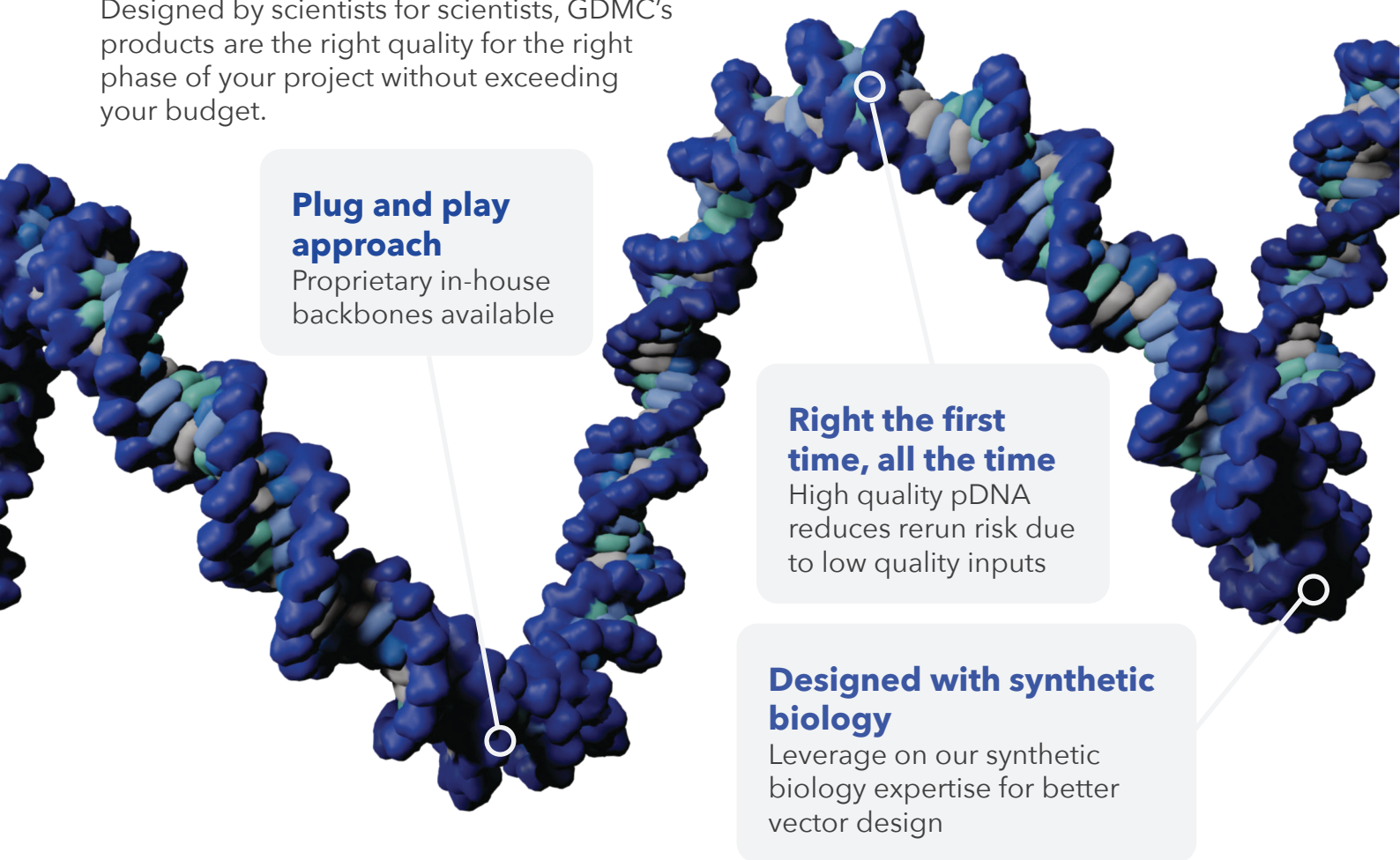


Support your science with accelerated High Quality Plasmid DNA

Plasmid DNA (pDNA) is a key starting material that underpins cell, gene and nucleic acid therapeutics. Having high quality pDNA is essential for robust and consistent results, ensuring a quicker path to the clinic. GDMC's pDNA just work and are ideal starting materials for manufacturing life-changing medicines.

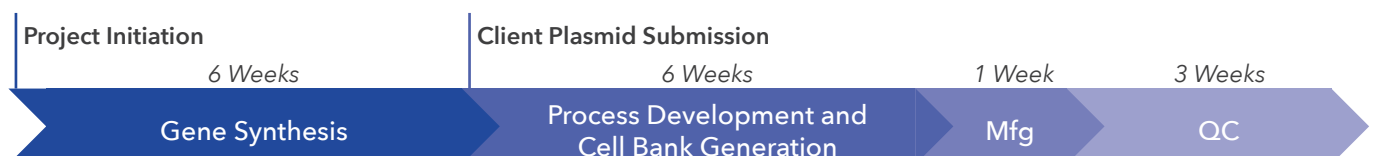
Designed by scientists for scientists, GDMC's products are the right quality for the right phase of your project without exceeding your budget.



GMP-Ready pDNA

We provide GMP-Ready pDNA for early-stage innovators and researchers looking to scale up to preclinical or Phase I trials. GDMC's stringent quality control and streamlined manufacturing processes ensure that our pDNA is of exceptional quality and delivered at turnaround times that are one of the fastest in the market.

GDMC's range of standard pDNAs include AAV Helper, AAV Rep/Cap, LVV Rev, LVV Gag-Pol, and LVV VSV-G.



GMP-Ready pDNA - Quality Specifications

Test Attributes	Test Method	QC Criteria
Plasmid size	AGE or CE-LIF	DNA ladder + Co-migration with reference
Plasmid restriction fragments	AGE or CE-LIF	DNA ladder + Co-migration with reference
Plasmid sequence	Sanger	Total plasmid sequencing
DNA concentration	UV 260	1 mg/mL \pm 10%
General impurities	UV 260/280	1.8 - 2.0
Host cell protein	Micro BCA or Nano Orange	\leq 2%
Host cell DNA	qPCR	\leq 2%
Host cell RNA	AGE or HPLC	\leq 5%
Supercoiled %	HPLC	\geq 80%
Residual Antibiotics	Growth Inhibition	None
Appearance	Visual inspection	Clear and free of foreign particles
pH	pH meter	pH 7 - 8
Endotoxin	Endotoxin-gel clot	< 10 EU/mg
Sterility	USP <71> Sterility	No growth
Mycoplasma	qPCR	Negative

We also offer Research and GMP material.
Contact us for more information or quotation requests.

www.gdmc.bio/pDNA

