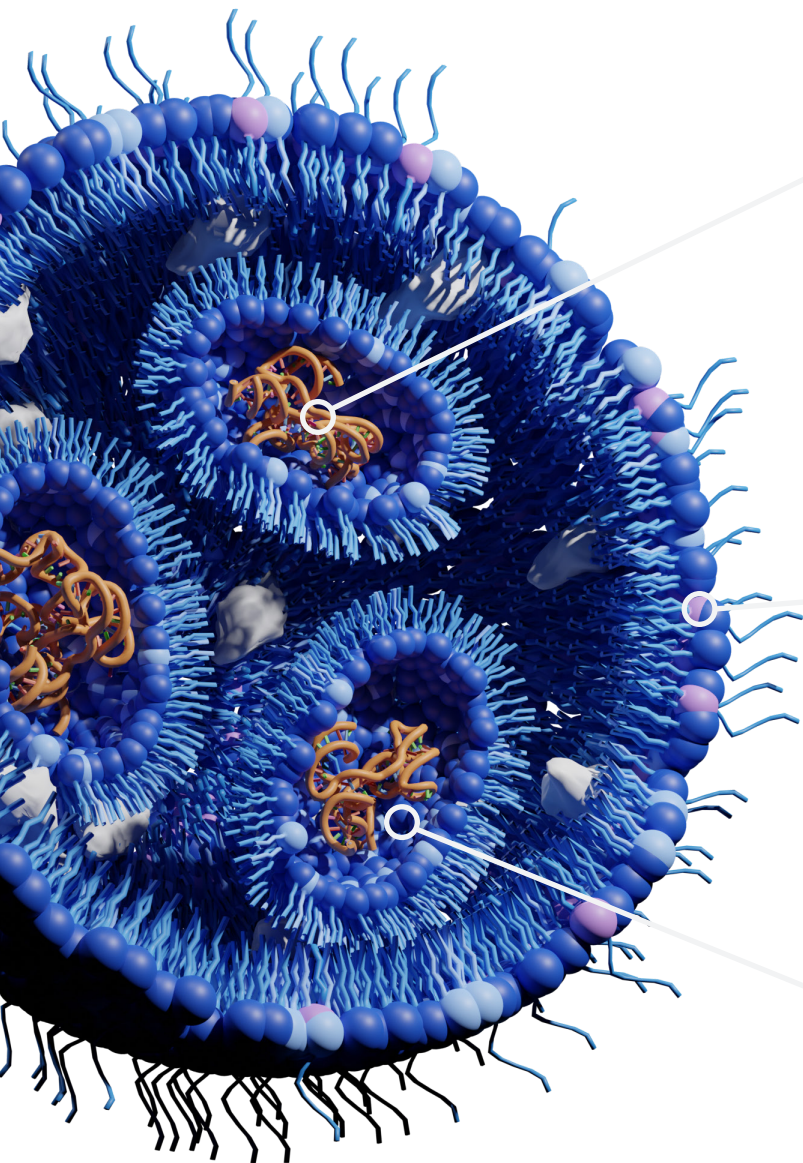


High Quality mRNA

Designer mRNA for Your Research Use

From off-the-shelf to custom design mRNA, GDMC will provide high quality mRNA for your research use. We offer carefully curated catalog of genes that can be used for your proof-of-concept experiments or as positive controls.



Fast-track your research

GDMC's mRNA is capped, optimized with poly-A tails and ready for your research needs

Naked and encapsulated mRNA

Option for encapsulation, with a wide range of LNPs to select from

Experiment-ready validation available

Leverage our suite of analytic assays to pre-validate the mRNA to ensure its biological activity

Contact us for a free consultation on your requirements
Our team of scientist are on hand to assist

www.gdmc.bio/mRNA



Research Grade IVT mRNA

GDMC's mRNA reduces R&D project time and cost by eliminating the need to troubleshoot experimental errors that are common with low quality mRNA.

GDMC's catalogue of mRNAs include eGFP, mCherry, OVA, Fluc, Renilla Luc, and EPO.

Research Grade mRNA - Quality Specifications

Test Attributes	Test Method	QC Criteria
mRNA concentration	UV 260/280	Abs 260/280 \geq 2.0
mRNA size	CE-LIF	Correct size of transcript
mRNA Integrity	CE-LIF	\leq 30% abortive sequence
Poly(A) Sequence Length	CE-LIF (upon request)	\geq 70% intact*
Capping Identity / Efficiency	CE-LIF (upon request)	\geq 80% capped
Endotoxin	Endotoxin-gel clot	$<$ 10 EU / dose
Appearance	Visual inspection	Clear and free of foreign particles
pH	pH meter	Target \pm 0.5

*Intact is defined as $>$ 80nt

Pricing for Research Grade Catalogue mRNA

1mg	\$1,900
$>$ 5mg	\$1,300/mg
Custom-designed mRNA	Request for pricing
mRNA encapsulation services	Request for pricing

mRNA will be delivered in 1 mM Sodium Citrate (pH 6.4) at concentrations of 1.0mg/mL \pm 6%

We also offer different scales and custom-designed mRNA.
Contact us for more information or quotation requests.

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