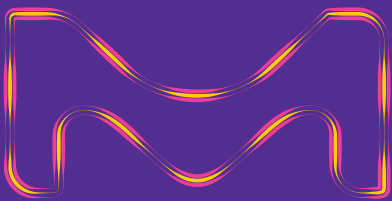


Enabling Capabilities and Solutions for all mRNA platforms

Process Development,
Manufacturing and Formulation



Millipore[®]

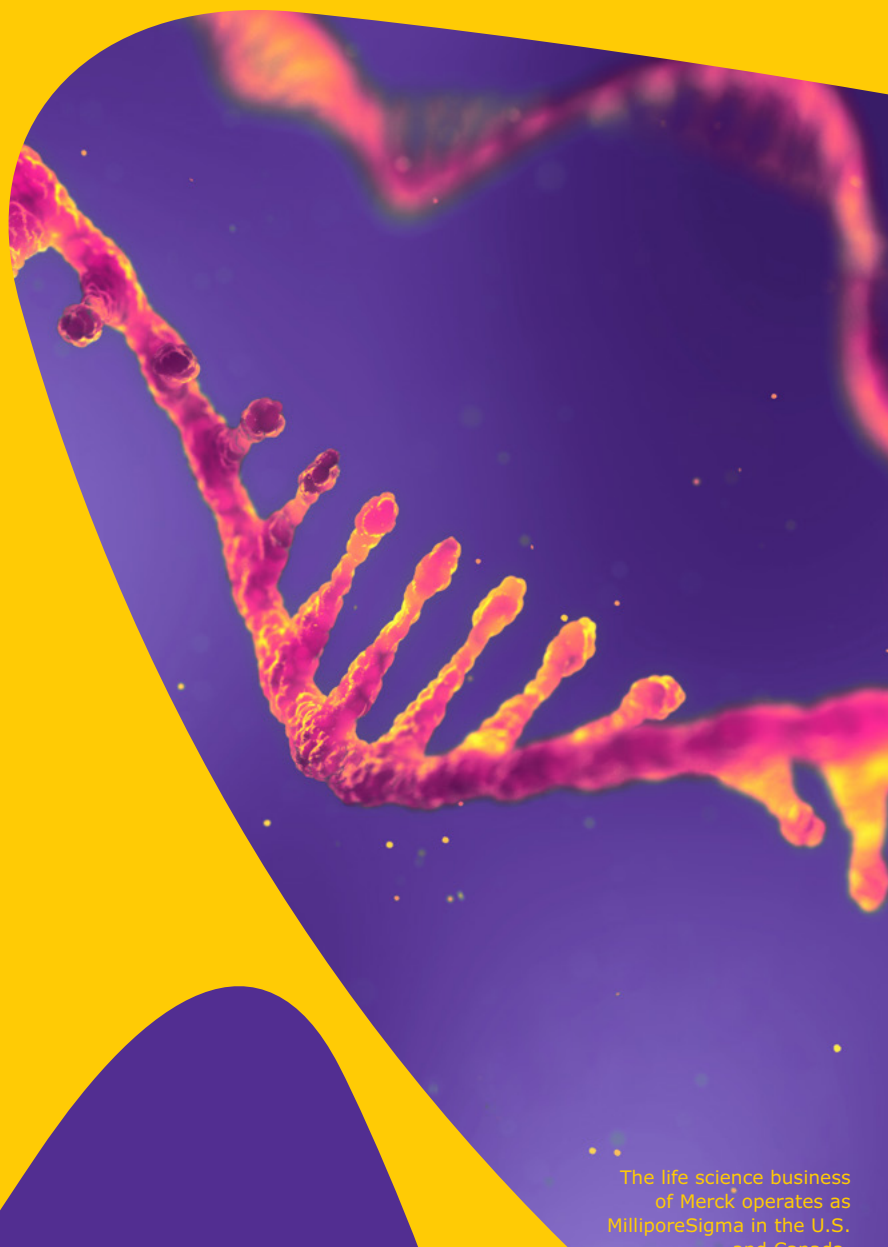
Preparation, Separation,
Filtration & Monitoring Products

SAFC[®]

Pharma & Biopharma Raw
Material Solutions

BioReliance[®]

Pharma & Biopharma
Manufacturing & Testing Services

A large, stylized image of a DNA double helix structure is the central focus of the page. It is rendered in a vibrant, multi-colored gradient (red, orange, yellow, green, blue) and is set against a dark blue background with a subtle pattern of white dots, resembling a starry sky or a microscopic view. The DNA strand curves across the right side of the page.

The life science business
of Merck operates as
MilliporeSigma in the U.S.
and Canada.

OUR MISSION

Advancing together from initial idea to final product. Conquer the mRNA era.

Your molecule's journey to the market is a long and complex one. You need an experienced and trustworthy partner who understands the varying challenges you face and helps you solve them efficiently, safely and speedily. No matter whether you're still in the idea stage, ready to scale up your production or need specific regulatory know-how for a successful launch of your mRNA drug. From mRNA development and manufacturing to fill finish of the final formulation, discover Merck's integrated offering of an extensive portfolio of products, a wide range of services, CDMO capabilities, regulatory and technical expertise.

Our Portfolio of Brands

Merck has brought together the world's leading Life Science brands, so whatever your life science problem, you can benefit from our expert products and services.

Millipore®

The Millipore® portfolio from Merck offers an ecosystem of industry-leading products and services, spanning preparation, separation, filtration and monitoring – all of which are deeply rooted in quality, reliability and time-tested processes. Our proven products, regulatory and application expertise are a strong foundation you can rely on to consistently perform at the highest level.

SAFC®

The SAFC® portfolio from Merck offers customized and ready-to-use raw material solutions, backed by deep regulatory expertise. Our high-quality products and services are supported by an experienced and responsive team of raw material and regulatory experts who are committed to understand your requirements and provide tailored solutions that meet your exact needs.

BioReliance®

The BioReliance® portfolio from Merck encompasses biopharmaceutical characterization, safety testing and process development, as well as clinical and commercial biomanufacturing. Our experienced teams and operational expertise make us the partner who supports you all the way and always has your vital goal in mind.

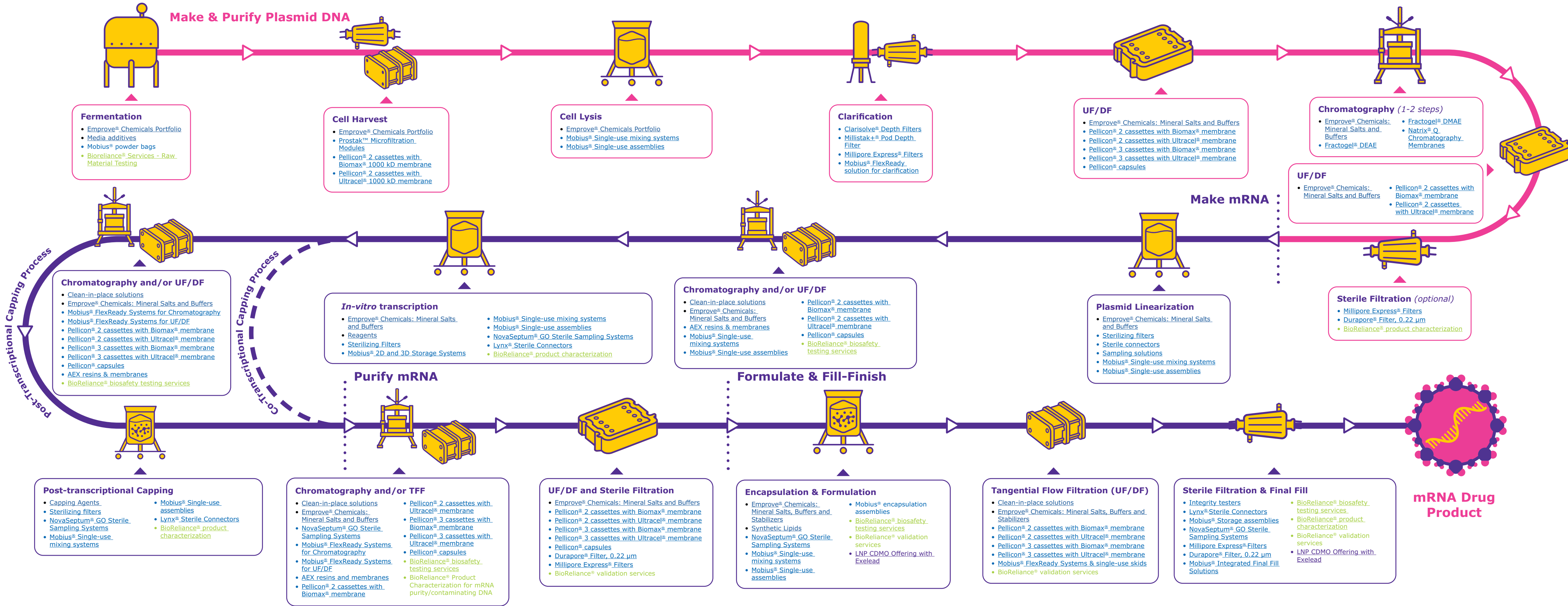
mRNA Manufacturing & Formulation PROCESS FLOW

Merck has brought together the world's leading Life Science brands, so whatever your life science problem, you can benefit from our expert products and services.

Millipore
Preparation, Separation, Filtration & Monitoring Products

SAFC
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BioReliance
Pharma & Biopharma Manufacturing & Testing Services



We provide information and advice to our customers on application technologies and regulatory matters to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking the suitability of our products for the envisaged purpose.

The holder of the manufacturing authorization shall ensure that the excipients are suitable for use in medicinal products by ascertaining the appropriate good manufacturing practice.

This is particularly true if the material in a certain application is regarded as high risk excipient, for example in parenteral dosage forms.

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