



In Vitro Transcription Enzymes

Customizable, Consistent and Animal-free solutions
to advance your challenges from Lab to Commercial RNA synthesis

About us

Since 2001, Canvax has been an original Manufacturer & Supplier of the Most Innovative, **Enzymes, Kits, Buffers and Reagents**. Due our customizable and adaptable manufacturing structure, reduced overhead and capacity to BULK manufacturing with the highest quality standards, we are **leading the Life Science industry in terms of product performance, manufacturing capabilities and customer-service**.

Quality & Certifications

As a leading reagent manufacturer, we are proud of its **first-class manufacturing facilities**, located in Valladolid (Spain) with a total area of 3,400m², specifically **designed for production Enzymes, Buffers and other solutions on commercial scale**. Canvax operates in its first-class facilities under certified:

- >> **ISO 9001:2015**.
- >> **ISO 13485:2016** for the Research use Raw Materials and Ancillary Reagents.
- >> **cGMP**, current Good Manufacturing Practice and in continuous improvement according to ICH Q7.

In Vitro Transcription Enzymes

Our ready-to-use ultra-high yield **In Vitro Transcription Enzymes** are critical tools for every day for labs focused on mRNA Synthesis to get an accurate and trusted results for **template transcription, capping, tailing, avoiding inhibition or clean-up**.

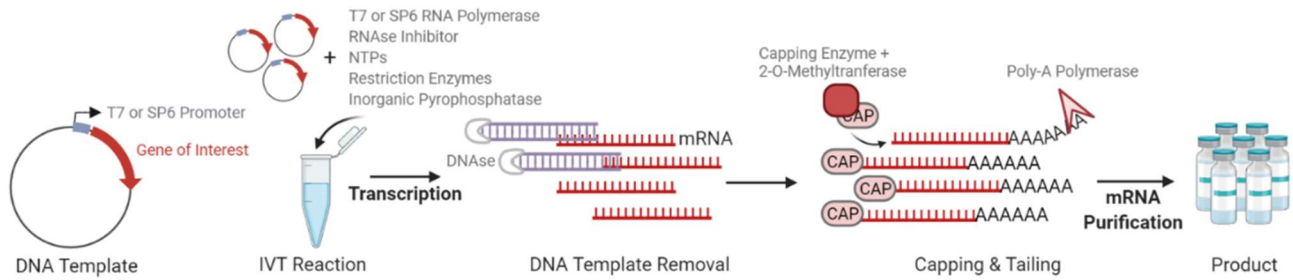
We offer a broad portfolio for *In Vitro* Transcription (IVT Enzymes), including a ready-to-use ultra-high yield enzymes, like **T7 RNA Polymerase, SP6 RNA Polymerase, Vaccinia Capping, Poly A, RNase Inhibitor, mRNA Cap 2-O-Methyltransferase, DNase I or Inorganic Pyrophosphatase**.

Being an original manufacturer of our products allows us to offer to our customers a high variety of options and flexibility to meet their unique needs. To be adapted to a broad range of applications, **Canvax™ can customize the manufacturing of these products from Research-grade to cGMP-grade**. Our production facilities are designed and ready to fulfill your requirements in terms of formats and times, quality and quantities expediting the transitions from **lab-scale to commercial-scale mRNA manufacturing in few weeks**.

Canvax™ *In Vitro* Transcription Enzymes offers next **Benefits & Advantages**:

- >> **Superior Quality and Regulatory Compliance**, due our quality system that covers from RUO to cGMP.
- >> **Robust security of supply** due **our location in Europe**, special supply agreements or Multiple manufacturing sites.
- >> **State-of-art Production Capabilities**, that includes productions up to 500 liters/batch.
- >> **BULK, OEM & Custom Manufacturing Services** available to adapt to the specific requirements in larger quantities.

IVT Reaction and Enzymes



Ordering info

Product	Cat. No.	Size	Concentration
Inorganic Pyrophosphatase Purified from <i>E. coli</i>	EZ0035	50 U	0,1 U/ μ L
T7 RNA Polymerase Encoded by coliphage T7, purified from <i>E. coli</i>	EZ0025	5.000 U	50 U/ μ L
SP6 RNA Polymerase Encoded by SP6 bacteriophage, purified from <i>E. coli</i>	EZ0030	2.000 U	20 U/ μ L
Vaccinia Capping Enzyme Purified from <i>E. coli</i>	EZ0057	400 U	10 U/ μ L
Poly A Polymerase Purified from <i>E. coli</i>	EZ0037	100 U	5 U/ μ L
mRNA Cap 2-O-Methyltransferase Purified from <i>E. coli</i>	EZ0047	2.000 U	50 U/ μ L
RNase Inhibitor Mammalian RNase inhibitor purified from <i>E. coli</i>	P0270	10,000 U	20 U/ μ L
DNase I (RNase free) From beef pancreas, purified from <i>E. coli</i>	EZ0018	1 mL	10 mg/mL

How to start?

If you are interested to learn more, please write us at info@canvaxbiotech.com or visit canvaxbiotech.com/contact-us. Our Business Development Team will contact you shortly.

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Our GMP Products are intended solely for **research or further manufacturing use** and are **not intended for direct therapeutic use in humans**. It is important to note that these products are not intended for use as a drug, device, or other medical treatment. Rather, they are intended to be used in the development of pharmaceutical products, in accordance with applicable regulations and guidelines. Please ensure that you comply with all relevant laws and regulations when using our GMP Products.

All items are sold subject to the **terms and conditions of sale of the supplying** company operating within the Canvax GMP business.