



# *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 3,400m<sup>2</sup>, 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**.

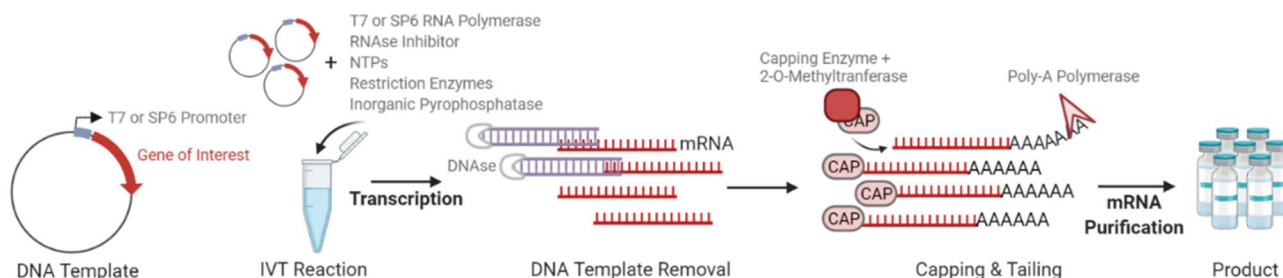
We offer a broad portfolio for *In Vitro* Transcription (IVT Enzymes), including a ready-to-use ultra-high yield enzymes, like **T7 RNA Polymerase, SP6 RNA Polymerase, Vaccinia Capping, Poly A, RNase Inhibitor, mRNA Cap 2-O-Methyltransferase, DNase I or Inorganic Pyrophosphatase**.

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
<b>Inorganic Pyrophosphatase</b> Purified from <i>E. coli</i>	<b>EZ0035</b>	50 U	0,1 U/ $\mu$ L
<b>T7 RNA Polymerase</b> Encoded by coliphage T7, purified from <i>E. coli</i>	<b>EZ0025</b>	5.000 U	50 U/ $\mu$ L
<b>SP6 RNA Polymerase</b> Encoded by SP6 bacteriophage, purified from <i>E. coli</i>	<b>EZ0030</b>	2.000 U	20 U/ $\mu$ L
<b>Vaccinia Capping Enzyme</b> Purified from <i>E. coli</i>	<b>EZ0057</b>	400 U	10 U/ $\mu$ L
<b>Poly A Polymerase</b> Purified from <i>E. coli</i>	<b>EZ0037</b>	100 U	5 U/ $\mu$ L
<b>mRNA Cap 2-O-Methyltransferase</b> Purified from <i>E. coli</i>	<b>EZ0047</b>	2.000 U	50 U/ $\mu$ L
<b>RNase Inhibitor</b> Mammalian RNase inhibitor purified from <i>E. coli</i>	<b>P0270</b>	10,000 U	20 U/ $\mu$ L
<b>DNase I (RNase free)</b> From beef pancreas, purified from <i>E. coli</i>	<b>EZ0018</b>	1 mL	10 mg/mL

## How to start?

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

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