

A background image of a laboratory setting with various equipment like pipettes, tubes, and racks, overlaid with a semi-transparent red filter.

In Vitro Transcription Enzymes

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

About Canvax™

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

Canvax™ operates in 2,600 m² first-class facilities under certified **ISO 9001:2015**, complying also with:

- >> **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 (IVT 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 IVT Enzymes including a ready-to-use ultra-high yield enzymes such us **T7 RNA Polymerase, SP6 RNA Polymerase, Vaccinia Capping, Poly A, RNase Inhibitor, mRNA Cap 2-O-Methyltransferase, DNase I or Inorganic Pyrophosphatase**.

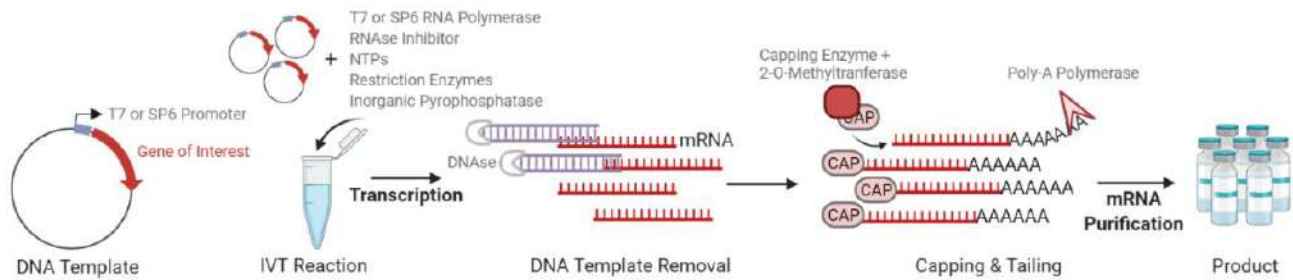
Being an original manufacturer allows us to offer our customers a high variety of options and flexibility to meet their unique needs. To suit a wide range of applications, **Canvax™ can customize the manufacture of these products from Research-grade to cGMP-grade**. Our production facilities are designed and prepared to fulfill your requirements in terms of formats, timelines, quality and quantities, enabling a quick transition from **lab-scale to commercial-scale mRNA manufacturing in just a few weeks**.

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

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

Your Discoveries starts at canvaxbio.com

IVT Reaction and Enzymes



Ordering info

Product	Cat. No.	Size	Concentration
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>	P0269 P0270-CS	2,500 U 10,000 U	40 U/ μ L 40 U/ μ L
Inorganic Pyrophosphatase Purified from <i>E. coli</i>	EZ0035	50 U	0,1 U/ μ L
DNase I (RNase free) From beef pancreas, purified from <i>E. coli</i>	EZ0018 EZ0019	1 mL 5 x 1 mL	10 mg/mL 10 mg/mL

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For Research Use Only (RUO Mark). Not for use in Diagnostic procedures. GMP-grade reagents also available

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