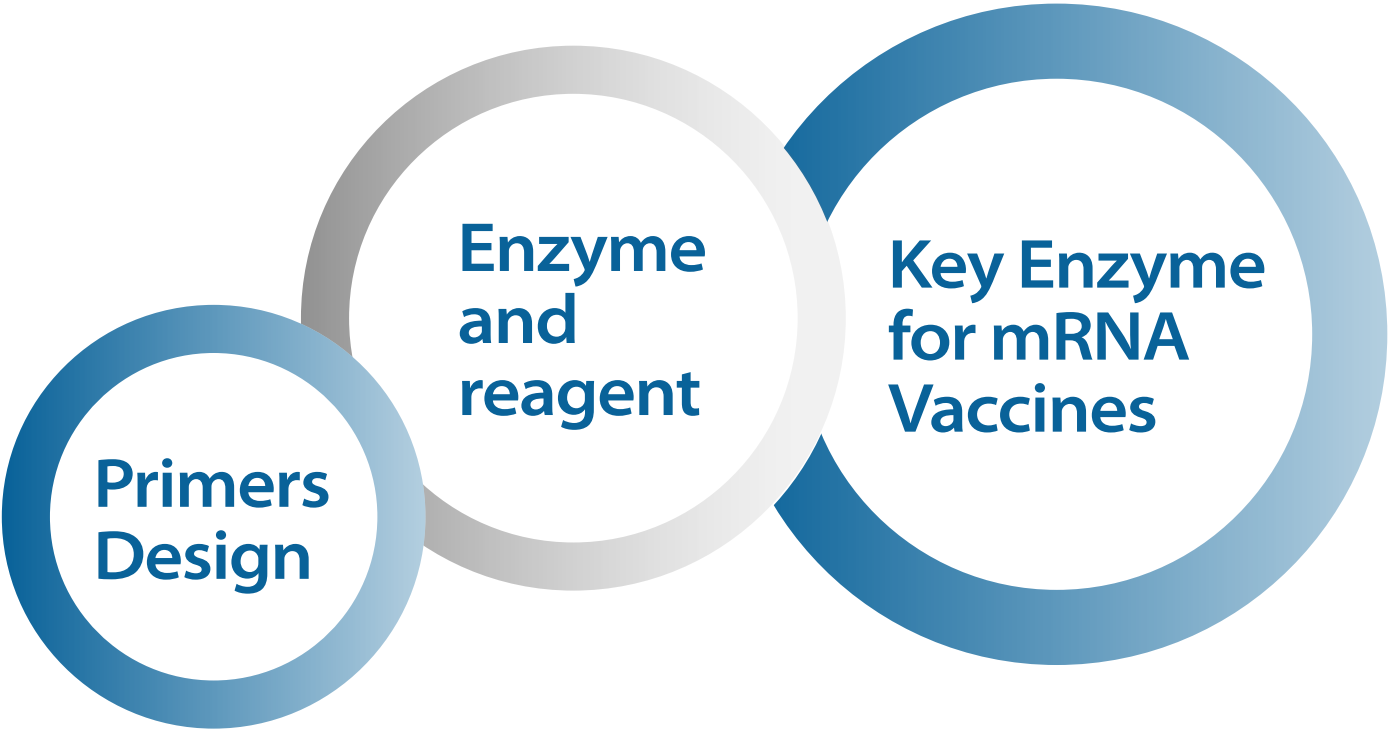


>> Enzyme Supply Menu

Items	Concentration	Specifications
Bst DNA Polymerase	8U/μL	800U、1600U、8000U
Reverse Transcriptase	600U/μL	6KU、12KU、300KU
Proteinase K		100mg、1g、5g、100g
T7 RNA polymerase	250U/μL	25KU、250KU
Vaccinia capping enzyme	10U/μL	500U、2KU、10KU、100KU
2’ -O-Methyltransferase	20U/μL	25KU、10KU、500KU、5000KU
Pyrophosphatase Inoraganic	1U/μL	10U、100U、10KU、100KU
Dnase I	5U/μL	400U、1KU、5KU、50KU
Rnase Inhibitor	40U/μL	2KU、10KU、100KU、200KU、400KU、4000KU、40000KU
Poly(A) Polymerase	5U/μL	100U、500U、5KU、50KU

>> Reagents Customized Menu

Items	Specifications
RT-LAMP pH Sensitive Kit	100T
LAMP pH Sensitive Kit	100T
RT-LAMP SYBR Green Kit	100T
LAMP SYBR Green Kit	100T



Key Enzyme for mRNA Vaccines

The mRNA vaccine has the advantages of a short development cycle, good immune effect, and high safety. It has played an essential role in preventing and controlling the COVID-19 pandemic. The development of mRNA vaccines and mRNA drugs has become one of the areas of greatest concern in the medical field.

mRNA IVT	mRNA Modification	LNP Encapsulation	Services
Enzyme: <ul style="list-style-type: none">•T7 RNA Polymerase•RNase inhibitor•Inorganic Pyrophosphate•DNase I	Capping: <ul style="list-style-type: none">•Vaccination Capping Enzyme•2'-O-Methyltransferase Polyadenylation: <ul style="list-style-type: none">•Poly(A) Polymerase	Chips: <ul style="list-style-type: none">•LNP-mRNA	<ul style="list-style-type: none">•mRNA Molecular Design;•mRNA Synthesis;•LNP Encapsulation;•Cap Detection;•Tail Detection;•In Vitro Cell Experiment;



Enzymes are one integral part of mRNA vaccines and drugs' development. They are widely used to do template preparation, IVT and modification. Enzymes play an important role in the whole developing process and occupy a high cost.

>> About Nanjing Linsca Biology Technology

As one subsidiary companies of Norman Group, Nanjing Linsca Biotechnology Co., Ltd focus on technologies of mRNA nucleic acid vaccine and Loop-mediated isothermal amplification (LAMP) and provide solutions of mRNA key raw materials, vaccine design, LAMP raw material and reagent research and development. We will help you to speed up the product research & development and launch process.

Enzyme for Nucleic acid Self-test and Related Reagent Customization

Nucleic acid self-test is more convenient and accurate

Nucleic acid self-test can make you and your family do nucleic acid tests at home. It saves you time to go to the PCR testing location and reduces the possibility of infection. Nucleic acid self-test can result within 20 to 30 minutes. It is fast and reliable.

Our nucleic acid self-test adopts the principle of isothermal nucleic acid amplification (LAMP). We can supply the key enzyme and reagents of LAMP . Meanwhile, we can provide primer design optimization and enzyme buffer customization services.

Nucleic acid Extraction	Nucleic Acid Amplification	Porduct Testing	Supporting Services
Enzyme: <ul style="list-style-type: none">•Proteinase K Reagents: <ul style="list-style-type: none">•Direct PCR Lysis Reagent	Enzyme: <ul style="list-style-type: none">•Bst DNA polymerase•Reverse Transcriptase•RNase Inhibitor	Reagents: <ul style="list-style-type: none">•One step RT-LAMP SYBR Green Kit•LAMP SYBR Green Kit•One step RT-LAMP pH Sensitive Kit•LAMP pH Sensitive Kit•BstMasterMix	<ul style="list-style-type: none">•Primer design optimization service•Enzyme buffer customization service

At present, the COVID-19 pandemic is still prevalent. At the same time, along with infectious diseases such as seasonal influenza, family members need to conduct PCR testing in a timely and convenient manner to detect virus infection early.

As friends of humans, pets are members of the family. We are very concerned about their health. Our PCR self-test is also suitable for the detection of common pet infections.