

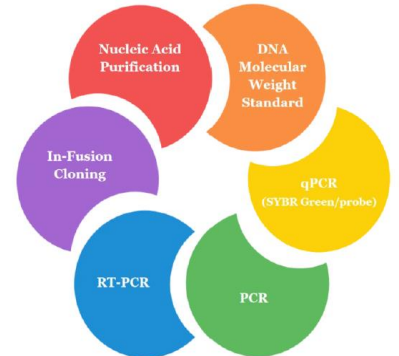


**VETRO**  
SCIENTIFICA

Official distributor



**ELK Biotechnology**



**ELK Biotechnology CO.,L td.**  
ELISA | Antibody | Molecular products

# MOLECULAR BIOLOGY

ELKbiotech Make research easier



## Nucleic acid extraction

### Plasmid

Miniprep, prepare, Max, EndoFree, Endo-Low, Endo-Low Max

### DNA

Gel, Blood/Cell/Tissue Genomic, Whole blood, plant, bacterial, Stool, Soil, Throat swab, FFPE, Plant, Fungal

### RNA

Viral, plant, TRIpure (same as Trizol)



## PCR, qPCR, RT-PCR

### PCR

PCR Master Mix (blue/red/green)  
Taq DNA Polymerase

### qPCR

SYBR Green PCR SuperMix  
HotStart PCR MasterMix  
EnTurbo™ SYBR Color qPCR

### SuperMix

Easy Step SYBR Green RT-PCR Mix  
Easy Step Probe RT-PCR Mix

### RT-PCR

cDNA Synthesis Kit



## Related Reagents.

### DNA ladder

### Dye

### Gold View

### RNase Inhibitor

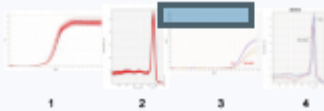
### RNA Stabilisation Solution



## Star Products

EQ001

### EnTurbo™ SYBR Green PCR SuperMix



**Amplification efficiency test**  
Using GAPDH amplification product 1:10<sup>9</sup> dilution as a template to amplify the GAPDH gene shows that our company has better product specificity and higher amplification efficiency for the quantitative amplification of low-abundance genes.

**Results analysis**  
From Figure 1 and Figure 2, we can see that the repeatability of our products is better. From Fig. 3 and Fig. 4, it is shown that relative to other brands, quantitative amplification of low-abundance genes has better product specificity and higher amplification efficiency.

EQ004 EQ005

### EntiLink™ PCR Master Mix Taq DNA Polymerase

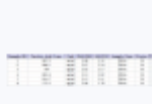
1. Mouse genomic DNA template 200ng
2. Mouse genomic DNA template 100ng
3. Mouse genomic DNA template 50ng
4. Mouse genomic DNA template 20ng
5. Mouse genomic DNA template 10ng
6. Mouse genomic DNA template 1ng
7. Mouse genomic DNA template 0.5ng
8. Mouse genomic DNA template 0.1ng
9. Mouse genomic DNA template 0.01ng



Use ELK 2™ Taq Mix to amplify. Use ELK 2™ Taq Mix to amplify the same template at different concentrations and detect the amplification efficiency. The results show that the ELK product can amplify the target fragment from 0.01ng genome template with high sensitivity.

EQ007

### Blood/Cell/Tissue Genomic DNA Extraction Kit



- Marker: D1,5000
1. 10mg mouse liver tissue (EP007)
  2. 1\*10<sup>6</sup> A549 cells (EP007)
  3. 200ul mouse whole blood (EP007)
  4. 10mg mouse liver tissue (Other brand)
  5. 1\*10<sup>6</sup> cell number A549 cells (Other brand)
  6. 200ul mouse whole blood (Other brand)

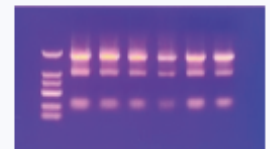
As can be seen from Figure 1 and Figure 2, the DNA extracted by ELK's kit has high concentration, high yield, and better purity than other brand.

EP013

### TRIpure Total RNA Extraction Reagent (same as trizol)

1. 10mg mouse liver tissue (EP013)
2. 1\*10<sup>6</sup> cell number A549 cells (EP013)
3. 200ul mouse whole blood (EP013)

EP013 is designed for RNA extraction of different types of samples, with high extraction efficiency and excellent integrity and purity of RNA.



### High Purity

The purified total RNA has no protein contamination, and the obtained RNA can be used for Northern blot, dot blot, mRNA extraction, cDNA synthesis, primer extension, different display, etc.

### Wide range of applications:

DNA and RNA can be extracted from a variety of samples such as animals, plants, blood, cells, plasmids, gels, microorganisms, etc. High purity: The purified product has the characteristics of high concentration, high purity, good integrity, and no protein contamination, and can be used for various types of downstream experiments.

### High efficiency:

Complete supply of extraction, PCR, qPCR, enzyme and other products, optimized reagent ratio and experimental process, can efficiently complete the entire experimental process.

