

**Our products:****Nucleic Acid Extraction & Genotyping Kits**

TC-02D	Total DNA Extraction Kit
TC-02R	Total RNA Extraction Kit
M-CHIP-02	M-fast Chromatin Immunoprecipitation (CHIP) Kit
M-CHIP-03	M-fast Chromatin Immunoprecipitation (CHIP) Kit
GT-001P	Fast Lysis-PCR Genotyping Kit (with 2x green PCR Mix)
GT-203P	Fast Lysis-PCR Genotyping Kit ((with 2x green PCR Mix)
GT-205P	One step Lysis Genotyping Kit (with 2x green PCR Mix)

**DNA ladders**

LD-100	DNA Standard Ladders(100bp)
LD-1000	DNA Standard Ladders(1Kb)
FD-100	Fluo-DNA Standard Ladders(100bp)
FD-1000	Fluo-DNA Standard Ladders(1Kb)

**DNA/RNA staining dyes in loading buffer**

LB-001B	6x Fluo-DNA loading buffer (with blue tracking dye)
LB-001G	6x Fluo-DNA loading buffer (with yellow tracking dye)
LB-001GB	6x Fluo-DNA loading buffer (yellow & blue dyes)
LB-002G	6x Fluo-RNA loading buffer (with yellow tracking dye)

**DNA/RNA agarose gel staining dyes**

GS-001	Fluo-DNA/RNA Gel Staining Solution(30,000x)
GS-301	Fluo-DNA/RNA Gel Staining Solution(20,000x)
GS-401	Fluo-DNA/RNA Gel Staining Solution(10,000x) (New)
BS-001	Bluo-DNA staining buffer (1,000x)

**PCR master mix**

S2100G	2x Green PCR Master-Mix
K2100G	2x Green PCR Master-Mix
K2300B	2x Green PCR Master-Mix
K2500B	2x Green PCR Master-Mix (New)

**Taq DNA polymerase/ dNTP mix**

T207023	Taq DNA polymerase (Hot start)
T207025	Taq DNA polymerase
T207029	New Taq DNA polymerase
TD-27010	10mM dNTP mix

**DNA/Protein Electrophoresis**

TAE-500	10x DNA running buffer (10xTAE)
FB-500	10x Fast DNA running buffer (New)
PA-250	Ultra-Pure agarose
P-3500	10x Tris-Glycine SDS running buffer
PS-50	5x Protein Sample buffer with DTT
W-125.	PCR grade water (DNase/RNase Free)

**Cell Cultures**

T3030	HP-TransFecting reagents
T3080	Simple TransFecting reagents (New)
M209001	Green Mycoplasma PCR Detection Kit
M208042	Mycoplasma Decontamination reagents (New)
M208045	Mycoplasma Disinfection Spray

**Promotion prices:****(Jan.-Dec.31, 2021)**

50 extracts	\$150.00
50 extracts	\$150.00
16 Assays	\$180.00
16 Assays	\$180.00
500 extracts	\$250.00
500 extracts	\$200.00
500 extracts	\$150.00

500uL x4	\$100.00
500uL x4	\$100.00
500uL x4	\$120.00
500uL x4	\$120.00

1.0mL x5	\$95.00
1.0mL x5	\$95.00
1.0mL x5	\$95.00
1.0mL x1	\$95.00

500uL	\$69.00
1.0mL	\$69.00
1.0mL (New)	\$39.00
5.0mL	\$39.00

100 Rxns	\$85.00
100 Rxns	\$65.00
500 Rxns	\$199.00
500 Rxns	\$150.00

**(New)**

1000U	\$150.00
1000U	\$100.00
1000U	\$80.00
500uLx2	\$39.00

500mL	\$25.00
500mL (New)	\$25.00
250g	\$199.00
500mL	\$25.00
5.0mL	\$25.00
1.25mLx20.	\$35.00

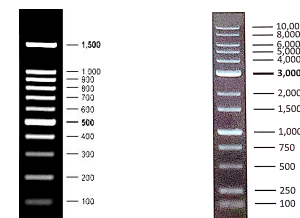
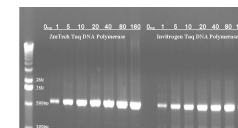
500uL	\$200.00
500uL (New)	\$85.00
100 Rxn	\$199.00
1 kit.	\$120.00
250mL	\$85.00

**Features and Benefits:****Sample offering for the new products**

Environmental-friendly extraction reagents.

No toxic organic solvents such as Trizol, phenol or chloroform.

No filter column or vacuum filtration is required.

Rapidly prepare the Chromatin DNA/protein within **2-3 hours**.**Fast** prepare gDNA from animal tissues (tail/ear)Environmentally friendly **DNA/RNA** staining dyes in 6x loading buffer.Environmentally friendly **DNA/RNA** staining dyes for agarose gel staining.Higher performing, fidelity, activity Taq in 2x **green** master mix.**FB-500: fast speed than TAE/TBE buffer for DNA electrophoresis.**  
Excellent for 500bp-20bp DNA electrophoresis

- Design for transfecting primary/eukaryotic cell lines.
- High sensitive Mycoplasma PCR detection kit.
- Effectively against Mycoplasma, Fungi; bacteria, virus.

## Our products:

### Protein Extraction Kits

TP-001	Total Protein Extraction Reagent (cells/tissues)
NP-02.	Nuclear protein extraction kit
Mep-02.	Membrane protein extraction kit
MP-02.	Mitochondria protein extraction kit
NC-001	Cytoplasmic and Nuclear Protein Extraction Kit
LCN-001	Lysosome, Cytoplasmic & Nuclear Protein Extraction
MCN-002	Cytoplasmic, Mitochondrial & Nuclear Protein Extracts
MCN-003	Cytoplasmic, Membrane and Nuclear Protein Extracts
NCS-001	Cytoskeleton, Cytoplasmic & Nuclear Protein Extracts
PCN-002	Peroxisome, Cytoplasmic & Nuclear Protein Extraction
I208051	Complete Protease inhibitor cocktail with enhancers

### Protein Ladders & Pre-cut Membranes

LP-313	Standard Protein ladders (3 colours: 5-245kDa)
MP-212	Pre-Cut PVDF membrane (8.8x7.2cm, 0.45um)

### Protein staining solutions

P-123	Ponceau S Solution (0.1%) staining for membranes
E-521.	SDS-PAGE Gel Staining Solution

### SDS-PAGE Gel Solutions

WF-075	M-Fast SDS-PAGE gel solution: ( 7.5%)
WF-100	M-Fast SDS-PAGE gel solution: ( 10%)
WF-150	M-Fast SDS-PAGE gel solution: ( 15%)

### ECL reagents

E208081	Western blot basic ECL reagents ( A : B)
E208082	Western blot ECL reagents ( A : B)
E208084	Spray-On ECL reagent (Premix in one bottle)
E208085	Spray-On ECL reagent (Premix in one bottle)
E208086	Spray-On ECL reagent (Premix in one bottle)

### Western blot stripping buffer

S208070	Western blot stripping buffer ( 1x)
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### DNA/Protein Electrophoresis

TAE-500	10x DNA running buffer (TAE)
FB-500	10x Fast DNA running buffer (New)
P-3500	10x Tris-Glycine SDS running buffer
PS-50	5x Protein Sample buffer with DTT
TB-500	10x TBST buffer
PB-500	10x PBST buffer

### Antibody enhancer buffers

A212060	Affinity Enhancer Buffer ( A : B)
B208068	Western blot blocking buffer (New)

### Background reducer buffers

R208090	Protein Signal Recover Buffer (1x)
C218060	Western blot background cleaning buffer (New)

## Promotion prices: (Jan.-Dec.31, 2021)

100 mL	\$85.00
50 extracts	\$85.00
50 extracts	\$85.00
50 extracts	\$85.00
50 extracts	\$85.00
50 extracts	\$85.00
50 extracts	\$85.00
50 extracts	\$85.00
50 extracts	\$85.00
50 extracts	\$85.00
5.0mL (40x)	\$85.00

500ul	\$85.00
12 sheets	\$85.00

500 mL	\$35.00
500 mL	\$35.00

500mL	\$95.00
500mL	\$105.00
500mL	\$115.00

250mL	\$150.00
250mL	\$199.00
250mL	\$199.00
250mL	\$250.00
250mL	\$290.00

500mL	\$85.00
500mL x2.	\$160.00

500mL	\$25.00
500mL (New)	\$25.00
500mL	\$25.00
5.0 mL	\$25.00
500mL	\$25.00
500mL	\$25.00

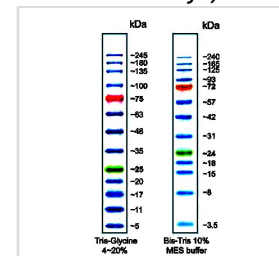
500mL	\$85.00
500mL (New)	\$85.00

500mL	\$25.00
500mL (New)	\$25.00

## Features and Benefits:

### Sample offering for all the new products

Prepare **proteins** for Western blottings, EMSA, ELISA, and TF-TF interaction assays;



13 pre-stained proteins from 5 to 245 kDa with 3 colour (blue, green, red)

**The PVDF membrane can be wetted with with 1x transfer buffer. Not require the alcohol/methanol pre-wet step (new).**

>detect proteins on membranes;(reversible staining )  
>detect proteins on SDS-PAGE Gel;(reversible staining )

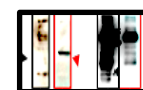
>Pre-mix SDS-PAGE gel solutions for **hand-cast the SDS-PAGE gel**;  
Just add 10%APS into Gel solution and pour into gel Casting frames.

>detect 5-10 picogram  
>detect 1-3 picogram  
>detect 5-10 picogram  
>detect 1-3 picogram  
>detect 0.1-1 picogram



\* Working at room temperature for 15-30mins, **No  $\beta$ -mercaptoethanol!**  
\* Effectively removing all 1° and 2° antibodies and ECL substrates.

**FB-500: fast speed than TAE/TBE buffer for DNA electrophoresis**



A212060

R208090

Effective to **enhance the primary antibody** binding the target protein.

R208090: Removing the un-development bands on membranes  
C218060: Clean backgrounds on PVDF/NC membranes

**ZmTech Scientific** endeavours to assist clients based on the highest level of customer service, competitive pricing and customer satisfaction. Our mission is: Convenience, Speed, Safety and Economy.

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