

## ENZYMES

- **DNA Polymerase**
  - Taq DNA Polymerase
  - Pfu plus DNA Polymerase
- **RNA Polymerase**
  - T7 RNA Polymerase
- **Reverse transcriptase**
  - Super RT
  - Super RT kit
  - Super RT easy kit
- **Thermolabile (UDG)  
Uracil-DNA-Glycosylase**
- **RNase inhibitor**
- **TEV protease**

## ANTIBODIES

- **Primary antibody**
  - AKT1 antibody
  - ATG5 antibody
  - ATP5A1 antibody
  - Bax antibody
  - Bcl2 antibody
  - Bcl3 antibody
  - Bcl3(pSER) antibody
  - Beclin antibody
  - Caspase3 antibody
  - Caspase8 antibody
  - Caspase9 antibody
  - Erk2 antibody
  - ERα antibody
  - FLAG antibody
  - GAPDH antibody
  - GFP antibody
  - GLUT3 antibody
  - GLUT4 antibody
  - GSK3b antibody
  - GST antibody
  - H3 antibody
  - HA antibody
  - h-IL1β antibody
  - h-IL6 antibody
  - His antibody
  - HSF1 antibody
  - HSP60 antibody
  - HSP70 antibody
  - HSP90 antibody
  - h-TNFα antibody
  - IKKα antibody
  - IKKβ antibody
  - IKKγ antibody
  - IKβα antibody
  - m-IL1β antibody
  - m-IL6 antibody
  - mRelB antibody
  - m-TNFα antibody
  - Myc antibody
  - N1 antibody
  - Ndufb8 antibody
  - NEIL2 antibody
  - NIK antibody
  - P100 antibody
  - P27 antibody
  - P50 antibody
  - P52 antibody
  - P53 antibody
  - P62 antibody
  - P65 antibody
  - PARP1 antibody
  - PNK antibody
  - Prp5 antibody
  - REGβ antibody
  - RelB antibody
  - SF3A1 antibody
  - SF3A2 antibody
  - SIRT1 antibody
  - SRPK1 antibody
  - SRSF1 antibody
  - Streptavidin antibody
  - U1-70K antibody
  - U1A antibody
  - U2AF65 antibody
  - UAP56 antibody
  - Ubiquitin antibody
  - α Tubulin antibody
  - β actin antibody
  - β Tubulin antibody
  - γ actin antibody
  - γ Tubulin antibody

- **Secondary antibody**
  - Goat anti rabbit IgG HRP
  - Rabbit anti mouse IgG HRP
  - Rabbit anti rat IgG HRP
  - Protein AG HRP

## VECTORS

- **Cloning and expression vectors**
  - E.coli Expression Vector
    - ✓ pFLAG-TEV
    - ✓ pGST-TEV
    - ✓ pHis-TEV
    - ✓ pHis-TEV eGFP
  - Mammalian Expression Vector
    - ✓ pBBL-eGFP
    - ✓ pBBL-FLAG
    - ✓ pBBL-HA
    - ✓ pBBL-HIS
    - ✓ pBBL-MYC
  - **pBBL TA Vector linearized**
  - pUC 18
  - pUC19
- **Reporter constructs**
  - pBBL-AP1-Luciferase
  - pBBL-CMV-Luciferase
  - pBBL-eGFP assay vector
  - pBBL-κB-Luciferase
  - pBBL-NFAT-Luciferase
  - pBBL-STAT-Luciferase
  - pBBL-TK-Luciferase

## DNA ISOLATION/EXTRACTION KITS

- BBL gel extraction and PCR cleanup combo kit
- BBL gel extraction kit
- BBL mini plasmid isolation kit
- BBL PCR cleanup kit

## AGAROSE BEAD

### FORMULATIONS/ACCESSORIES

- **Agarose beads**
  - Activated agarose beads
  - Anti C-MYC agarose beads

- Anti GFP IgG agarose beads
- Co-NTA agarose beads
- GFP nanobody agarose beads
- Gravity column
- GSH agarose beads (High binding)
- GSH agarose beads (Low binding)
- Ni-NTA agarose beads
- Protein A agarose beads
- Protein A plus agarose beads
- Protein AG agarose beads
- Protein AG plus agarose beads
- Protein G agarose beads
- Protein G plus agarose beads
- Streptavidin agarose beads

### ● **Magnetic agarose Beads**

- Magnetic stand
- Protein A magnetic beads
- Protein AG magnetic beads
- Protein G magnetic beads
- Streptavidin magnetic beads

## MOLECULAR WEIGHT MARKER

- **DNA molecular weight marker**
  - LMW
  - HMW
- Protein molecular weight marker

## TEACHING KITS

### ● **Immunology teaching kit**

- ABO blood grouping
- Antibody captured ELISA
- Colorimetric western blot
- Dot ELISA
- IgG purification
- Immunoelectrophoresis
- Immunoprecipitation
- Lymphocyte separation
- ODD
- RID
- Rocket immunoelectrophoresis
- Western blotting

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- **Molecular biology teaching kit**
  - Agarose gel electrophoresis
  - In-vitro transcription
  - PCR teaching kit
  - Plasmid DNA isolation (column based)
  - Plasmid DNA isolation
  - Restriction digestion
  - Transformation

- **Protein biology teaching kit**
  - Affinity chromatography
  - Carbohydrate estimation (qualitative)
  - Carbohydrate estimation (quantitative)
  - Gel filtration chromatography
  - Ion exchange chromatography
  - Protein estimation (qualitative)
  - Protein estimation (quantitative)
  - SDS-PAGE CBB Staining
  - SDS-PAGE silver staining
  - TLC

- dNTP
  - ✓ dATP
  - ✓ dTTP
  - ✓ dGTP
  - ✓ dCTP
  - ✓ dNTP mix
- Loading dye
  - ✓ DNA loading dye
  - ✓ Protein loading dye
- PEiRfect transfection reagent

## RECOMBINANT PROTEINS

- h-IL-1 $\beta$
- h-IL6
- HSP70
- HSP90 $\alpha$
- HSP90 $\beta$
- h-TNF $\alpha$
- LC3 (GST)
- m-IL-1 $\beta$
- m-IL6 $\beta$
- m-TNF $\alpha$
- NF- $\kappa$ B p100 (406-899)
- OGG1 (8-Oxoguanine Glycosylase 1)
- p62 (full length)
- PAPB
- REG1 $\beta$
- SRSF5 or SRP40
- U170K
- U2AF65

## BUFFERS, CHEMICALS AND OTHER REAGENTS

- **Buffers**
  - PBS
  - PBS-T
  - TBS
  - TBS-T
  - TAE
  - TBE
  - TE
- **Chemicals**
  - ECL reagents
  - IPTG (molecular biology grade)
- **Others**
  - ATP
  - Competent cell
    - ✓ BL21 (DE3)
    - ✓ BL21 (DE3) pLysS
    - ✓ BL21 (DE3) Rosetta
  - DH5  $\alpha$
  - DEPC water