

## Featured Cytokines:

Cat. No.	Product Name	Abbreviation
HY-P7077	Recombinant Murine Interleukin-2	rMuIL-2
HY-P7073	Recombinant Murine Interleukin-1 beta	rMuIL-1β
HY-P7072	Recombinant Murine Interleukin-1 alpha	rMuIL-1α
HY-P7076	Recombinant Murine Interleukin-13	rMuIL-13
HY-P7075	Recombinant Murine Interleukin-11	rMuIL-11
HY-P7057	Recombinant Human Thymic Stromal Lymphopoietin	rHuTSLP
HY-P7058	Recombinant Human Tumor Necrosis Factor-alpha/TNFSF2	rHuTNF-α/TNFSF2
HY-P7008	Recombinant Human Bone Morphogenetic Protein 7	rHuBMP-7
HY-P7007	Recombinant Human Bone Morphogenetic Protein 4	rHuBMP-4
HY-P7006	Recombinant Human Bone Morphogenetic Protein 2	rHuBMP-2
HY-P7004	Recombinant Human Basic Fibroblast Growth Factor	rHubFGF
HY-P7005	Recombinant Human Betacellulin	rHuBetacellulin
HY-P7003	Recombinant Human B cell Activating Factor/TNFSF13B	rHuBAFF/TNFSF13B
HY-P7001	Recombinant Human Acidic Fibroblast Growth Factor	rHuaFGF
HY-P7002	Recombinant Human Amphiregulin	rHuAmphiregulin
HY-P7113	Recombinant Human 4-1BB Ligand/TNFSF9	rHu4-1BBL/TNFSF9
HY-P7108	Recombinant Rat Tumor Necrosis Factor-alpha/TNFSF2	rRtTNF-α/TNFSF2
HY-P7107	Recombinant Rat Stem Cell Factor	rRtSCF
HY-P7106	Recombinant Rat Resistin	rRtResistin
HY-P7105	Recombinant Rat Oncostatin-M	rRtOSM
HY-P7104	Recombinant Rat Interleukin-7	rRtIL-7
HY-P7109	Recombinant Human Epidermal Growth Factor	rHuEGF
HY-P7026	Recombinant Human Interferon-lambda1/Interleukin-29	rHuIFN-λ1/IL-29
HY-P7025	Recombinant Human Interferon-gamma	rHuIFN-γ
HY-P7091	Recombinant Rat Basic Fibroblast Growth Factor	rRtbFGF
HY-P7024	Recombinant Human Interferon-beta1b	rHuIFN-β1b
HY-P7023	Recombinant Human Interferon-alpha2b, Ecoli.	rHuIFN-α2b
HY-P7022	Recombinant Human Interferon-alpha2a	rHuIFN-α2a
HY-P7017	Recombinant Human Heparin-binding EGF-like Growth Factor	rHuHB-EGF
HY-P7016	Recombinant Human Granulocyte-Macrophage Colony Stimulating Factor	rHuGM-CSF
HY-P7015	Recombinant Human Granulocyte Colony Stimulating Factor	rHuG-CSF
HY-P7111	Recombinant Human Fms-related Tyrosine Kinase 3 Ligand	rHuFlt-3 Ligand
HY-P7014	Recombinant Human Fibroblast Growth Factor 4	rHuFGF-4
HY-P7013	Recombinant Human Fibroblast Growth Factor 23	rHuFGF-23
HY-P7012	Recombinant Human Fibroblast Growth Factor 21	rHuFGF-21
HY-P7011	Recombinant Human Epregrulin	rHuEpregrulin
HY-P7010	Recombinant Human Epigen	rHuEpigen
HY-P7009	Recombinant Human Endostatin	rHuEndostatin

Cat. No.	Product Name	Abbreviation
HY-P7056	Recombinant Human Stem Cell Factor	rHuSCF
HY-P7114	Recombinant Human R-spondin-1/RSPO1	rHuR-spondin-1/RSPO1
HY-P7112	Recombinant Human Parathyroid Hormone 1-84	rHuPTH1-84
HY-P7054	Recombinant Human Pigment Epithelium-derived Factor	rHuPEDF
HY-P7055	Recombinant Human Platelet-derived Growth Factor-BB	rHuPDGF-BB
HY-P7052	Recombinant Human Oncostatin-M	rHuOSM
HY-P7053	Recombinant Human Osteoprotegerin	rHuOPG
HY-P7050	Recombinant Human Macrophage Colony-stimulating Factor	rHuM-CSF
HY-P7049	Recombinant Human Leukemia Inhibitory Factor	rHuLIF
HY-P7048	Recombinant Human Keratinocyte Growth Factor-2/FGF-10	rHuKGF-2/FGF-10
HY-P7047	Recombinant Human Keratinocyte Growth Factor 1/FGF-7	rHuKGF-1/FGF-7
HY-P7044	Recombinant Human Interleukin-6	rHuIL-6
HY-P7042	Recombinant Human Interleukin-4	rHuIL-4
HY-P7039	Recombinant Human Interleukin-22	rHuIL-22
HY-P7038	Recombinant Human Interleukin-21	rHuIL-21
HY-P7037	Recombinant Human Interleukin-2	rHuIL-2
HY-P7028	Recombinant Human Interleukin-1 beta	rHuIL-1β
HY-P7027	Recombinant Human Interleukin-1 alpha	rHuIL-1α
HY-P7029	Recombinant Human Interleukin-1 Receptor Antagonist Protein	rHuIL-1RA
HY-P7032	Recombinant Human Interleukin-12	rHuIL-12
HY-P7030	Recombinant Human Interleukin-10	rHuIL-10
HY-P7021	Recombinant Human Insulin-like Growth Factor-Binding Protein 5	rHuIGF-BP5
HY-P7020	Recombinant Human Insulin-like Growth Factor-Binding Protein 3	rHuIGF-BP3
HY-P7019	Recombinant Human Insulin-like Growth factor-2	rHuIGF-2
HY-P7018	Recombinant Human Insulin-like Growth Factor-1	rHuIGF-1
HY-P7071	Recombinant Murine Interferon-gamma	rMuIFN-γ
HY-P7069	Recombinant Murine Granulocyte-Macrophage Colony Stimulating Factor	rMuGM-CSF
HY-P7068	Recombinant Murine Granulocyte Colony-stimulating Factor	rMuG-CSF
HY-P7067	Recombinant Murine Epidermal Growth Factor	rMuEGF
HY-P7066	Recombinant Murine Basic Fibroblast Growth Factor	rMubFGF

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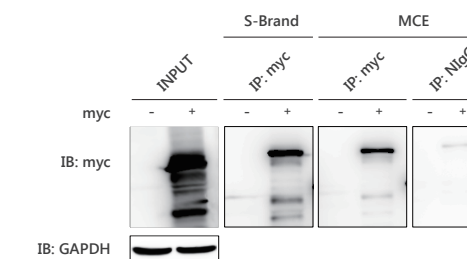
Magnetic Beads - Inhibitor Cocktails - Cell Counting Kit-8

SYBR Green qPCR Master Mix - RT Master Mix for qPCR - Other Hot Kits - Cytokines

## Magnetic Beads

### Advantages:

- Convenient and time saving
- Low non-specific binding
- Minimal sample loss
- Excellent protein binding capacity
- Stable, long shelf life



► Immunoprecipitation of myc-tagged protein from HEK 293T

Cat. No.	Name	Applications
HY-K0202	Protein A/G Magnetic Beads	IP, Co-IP, ChIP
HY-K0203	Protein A Magnetic Beads	IP, Co-IP, ChIP
HY-K0204	Protein G Magnetic Beads	IP, Co-IP, ChIP
HY-K0201	Anti-HA Magnetic Beads	IP, Purification of HA-tagged protein
HY-K0206	Anti-c-Myc Magnetic Beads	IP, Purification of Myc-tagged protein
HY-K0208	Streptavidin Magnetic Beads	IP, Purification of proteins and nucleic acids, pull-down and cell isolation
HY-K0200	Magnetic Stand	Multi-function, unique sandwich design, strong magnetic core

## Inhibitor Cocktails

Cat. No.	Name	Applications
HY-K0010	Protease Inhibitor Cocktail	Increase protein stability
HY-K0011	Protease Inhibitor Cocktail, mini-Tablet	Mini-Tablet, increase protein stability
HY-K0021	Phosphatase Inhibitor Cocktail I	Inhibits phosphatases
HY-K0022	Phosphatase Inhibitor Cocktail II	Inhibits phosphatases
HY-K0023	Phosphatase Inhibitor Cocktail III	Inhibits phosphatases
HY-K0030	Deacetylase Inhibitor Cocktail	Preserve the acetylation state of proteins

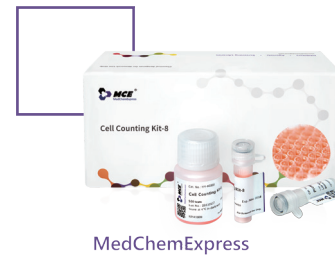
## Cell Counting Kit-8

Cell Counting Kit-8 (CCK-8) allows sensitive colorimetric assays for the determination of cell viability in cell proliferation and cytotoxicity assays.

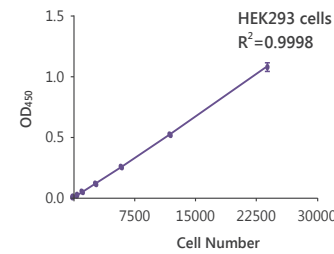
### Advantages:

- More Sensitive than MTT, MTS, or WST-1
- No Toxicity to Cell
- Simple Steps (No Thawing Necessary)
- Stable One Bottle Solution : 1 year at 4°C

Kits & Cytokines special  
**10% Off**



### Superb Linearity:



$R^2=0.9998$

Cell Line: HEK293

Medium: DMEM, 10% FBS

Incubation: 37°C, 5% CO<sub>2</sub>, 2 hours

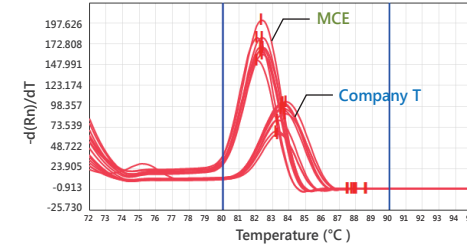
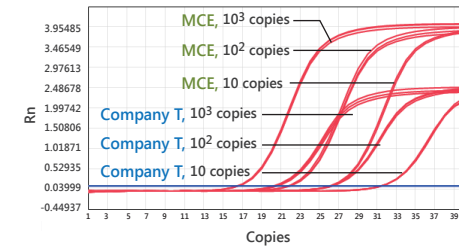
## SYBR Green qPCR Master Mix

MCE qPCR Master Mix is provided as a simple-to-use, stabilized 2x formulation that includes all components for qPCR except sample DNA, primers and water.

### Advantages:

- Ready to use
- Optimized buffer enhances specificity and reduces primer-dimer formation
- High sensitivity, specificity and reliability
- Passive reference dyes are provided for different qPCR instruments

### Brand Validation:



## RT Master Mix for qPCR

Perfect Matching with SYBR Green qPCR Master Mix for Gene Quantification

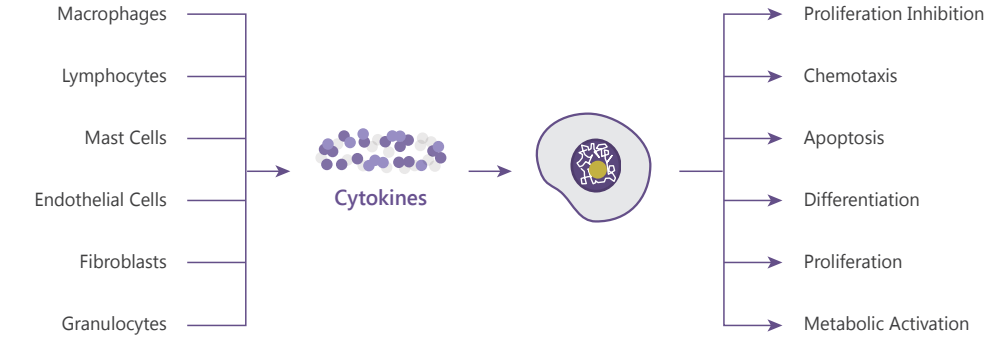
Cat. No.	Name	Applications
HY-K0510	RT Master Mix for qPCR	Reverse transcription
HY-K0511	RT Master Mix for qPCR (gDNA digester plus)	Reverse transcription

## Other Hot Kits

Cat. No.	Name	Applications
HY-K1001	RIPA Lysis Buffer (Strong)	Lyse cells
HY-K1004	SYBR Green I Nucleic Acid Gel Stain	DsDNA stain
HY-K1005	Ultra High Sensitivity ECL Kit	Detecting HRP labeled antibodies on western blots
HY-K1006	Penicillin-Streptomycin (100x), Sterile	Prevent bacterial

## Cytokines

Cytokines are small secreted signaling proteins that play important roles in cell signaling. They act via binding to specific cell-surface receptors and activating downstream intracellular signaling, which leads to changes in function or phenotype. Cytokines regulate diverse biological processes including innate and acquired immunity, hematopoiesis, inflammation and repair through mostly extracellular signaling.



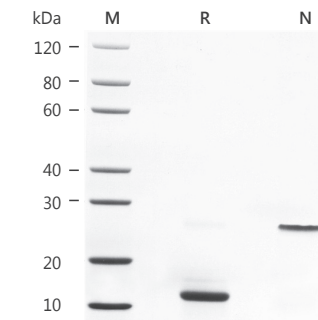
### Advantages:

- Broad Categories: interleukins, interferons, tumor necrosis factors, colony stimulating factor, growth factors, chemokines and others
- Low Endotoxin Levels: measured by LAL assay
- High Purity: tested by SDS-PAGE & HPLC
- Superior Biological Activity: validated by relevant in vitro or in vivo assays
- Excellent Lot-to-Lot Consistency: confirmed by Lot-to-Lot data
- Full Range Sizes: different pre-packaged sizes for various needs
- Competitive Price: superb quality with a reasonable price

### Applications:

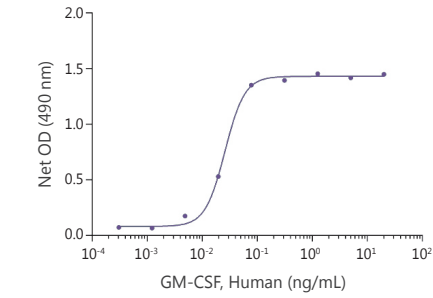
Immunology assay, Cell culture assay, Cell therapy, Apoptosis research, Stem cell culture and expansion, Functional analysis, In vitro biochemical analysis, Antibody production, Positive control, ELISA assay, Interaction analysis.

### High Purity:

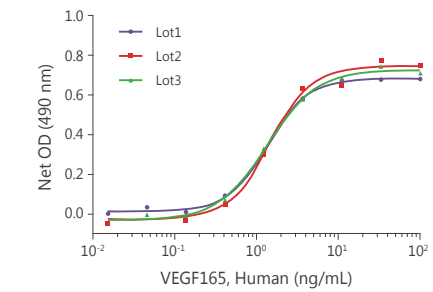


- ▶ 2 µg of human bone morphogenetic protein-2 (BMP-2) was resolved with SDS-PAGE under reducing (R) and non-reducing (N) conditions.

### Superior Biological Activity:



- ▶ GM-CSF, human stimulates cell proliferation of TF-1 cells with an ED50 of less than 0.1 ng/mL.



- ▶ The ED50s of MCE VEGF165, human from three different Lots are similar.

### Featured Cytokines:

Cat. No.	Product Name	Abbreviation
HY-P7088	Recombinant Murine Thrombopoietin	rMuTPO
HY-P7090	Recombinant Murine Tumor Necrosis Factor-alpha/TNFSF2	rMuTNF-α/TNFSF2
HY-P7117	Recombinant Murine TGF-beta 1/TGFB1	rMuTGF-beta 1/TGFB1
HY-P7064	Recombinant Murine Stem Cell Factor	rMuSCF
HY-P7087	Recombinant Murine Platelet-derived Growth Factor-BB	rMuPDGF-BB
HY-P7086	Recombinant Murine Noggin	rMuNoggin
HY-P7085	Recombinant Murine Macrophage Colony Stimulating Factor	rMuM-CSF
HY-P7084	Recombinant Murine Leukemia Inhibitory Factor	rMuLIF
HY-P7083	Recombinant Murine Interleukin-9	rMuIL-9
HY-P7070	Recombinant Murine Insulin-like Growth factor-1	rMuIGF-1
HY-P7063	Recombinant Murine Interleukin-6	rMuIL-6
HY-P7062	Recombinant Murine Interleukin-3	rMuIL-3
HY-P7079	Recombinant Murine Interleukin-22	rMuIL-22
HY-P7065	Recombinant Murine Acidic Fibroblast Growth Factor	rMuaFGF
HY-P7110	Recombinant Human Vascular Endothelial Growth Factor 165	rHuVEGF165
HY-P7094	Recombinant Rat Granulocyte-Macrophage Colony Stimulating Factor	rRtGM-CSF
HY-P7092	Recombinant Rat Epidermal Growth Factor	rRtEGF