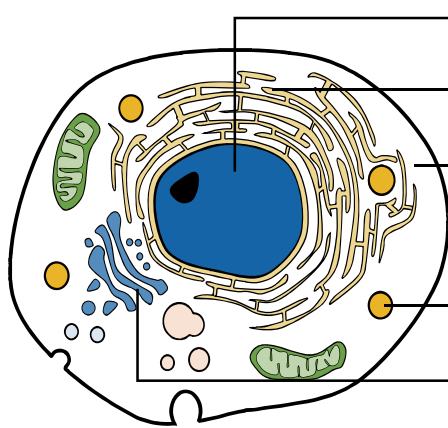


# Cancer Research

Cell Biology, Proteomics,  
Antibodies, Molecular Biology,  
Small Molecules & Lab Supplies

For more details:

## Cell Imaging Dyes



**NucleoSeeing™** (#FDV-0029)

Low toxicity, Nucleus Observation

**ERSeeing™** (#FDV-0038)

Exchangeable Medium, Long-term ER Observation

**CytoSeeing™** (#FDV-0017)

Washable, for Morphological Observation

**Ap3** (#FDV-0008)

Detailed Analysis of Cell Membrane Location

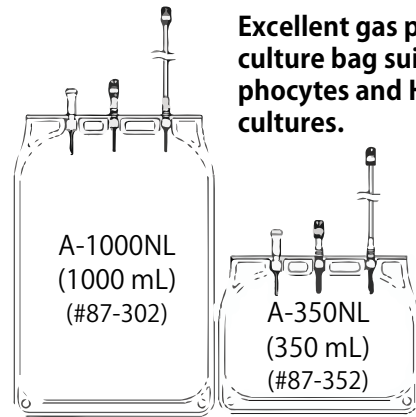
**LipiDye™ II** (#FDV-0027)

Small Lipid Droplets Detection in Non-Adipocytes

**GolgiSeeing™** (#FDV-0053)

Selectively Visualize the Golgi Apparatus

## NIPRO Culture Bag



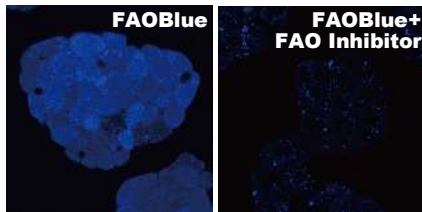
Excellent gas permeability culture bag suites for Lymphocytes and Hybridoma cultures.

**Right port :**  
for fill or waste

**Center port :**  
for sampling

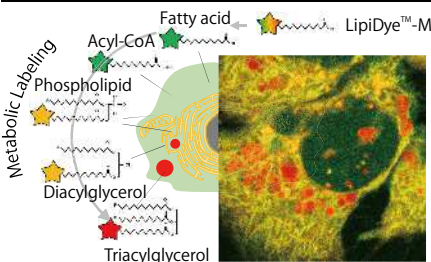
**Left port :**  
for connecting 2 bags

**FAOBlue™** (#FDV-0033)



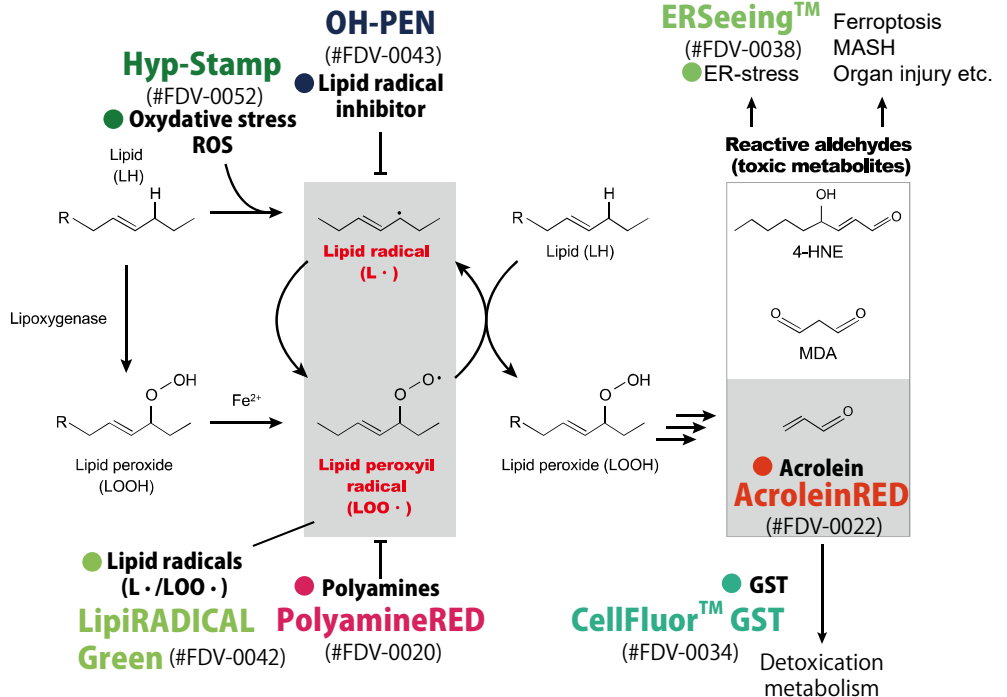
Fatty Acid  $\beta$ -Oxidation  
Detection Dye in **Live Cells**

**LipiDye™-M** (#FDV-0028)



Multi-Color **Live Imaging**  
for Lipid Metabolism

## Lipid Peroxidation Detection Tools



## Serum-free Media for Human **Lymphocytes / NK Cells**

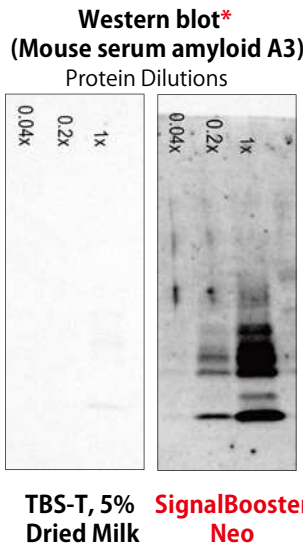
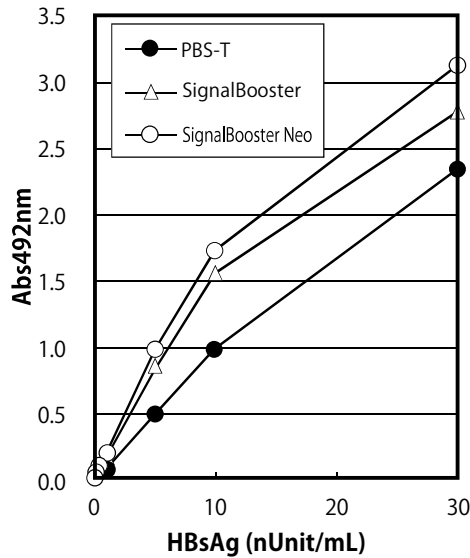


**ALyS505N** : Suitable for culturing human peripheral T-lymphocytes, 4 types of IL-2 concentrations. (#87-661/#87-666/#87-676/#87-654)

**ALyS705** : Chemically defined medium suitable for culturing human lymphocytes (#87-016)

**ALyS505NK-AC** : Human NK cells activation media (w/, w/o IL2) (#87-554/#87-555)

**ALyS505NK-EX** : Human NK cells expansion media (w/, w/o IL2) (#87-556/#87-557)



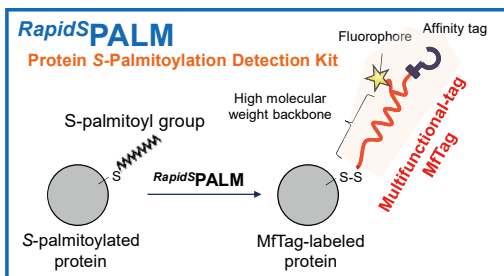
(#BCL-SBN-01/#BCL-SBN-02)

**Need higher signals? Try Signal Booster Neo. Antigen-antibody reaction enhancing reagents for western blotting, ELISA, etc. By simply diluting antibodies with Signal Boosters, signals increase and background decrease.**

- One solution system
- Protein-free. Chemically defined
- For **phospho protein** detection or for any ELISA: Protein-free composition contributes to no interference by proteins in the reagent.
- Useful for **saving antibody** and shortening reaction time.

\*Data provided by Dr. Robert Anderberg, Providence Medical Research Center, Providence Health Care

**RapidSPALM, Protein S-Palmitoylation Detection Kit** (#F017A: Detection Kit / F017B: Purification Option)

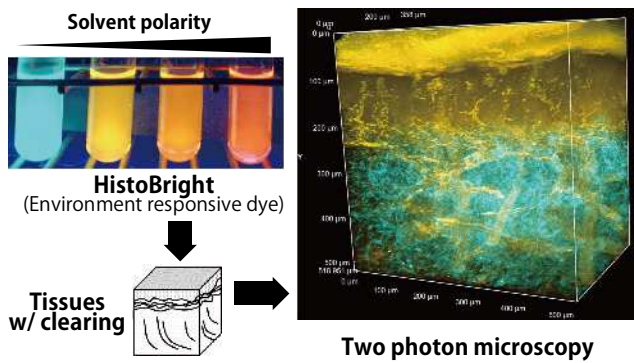


- | Kit can do...           | Advantages over conventional methods |
|-------------------------|--------------------------------------|
| Fluorescent detection   | Wide range of samples                |
| Comprehensive isolation | Greatly high specificity             |
| Counting number         | Ultra-quick procedure                |
| S-palm ratio estimation | Improved sensitivity                 |

A novel & comprehensive analysis kit for the protein **S-palmitoylation**, including **S-acylation**. S-palmitoyl/acyl groups on proteins are chemically and rapidly substituted to our unique multifunctional-tag (hereafter **MfTag**) by multistep chemical reactions.

**HistoBright - For Deep-Imaging and Spatial Structural Analysis of Tissue Blocks**

(#FDV-0051)

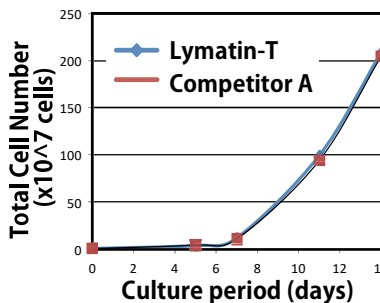


Environment-responsive membrane-staining fluorescent dye. Combining tissue clearing techniques with two photon laser microscopy allows deep-imaging and spatial structural analysis of tissue blocks. The fluorescence characteristics change from **green** to **near-infrared** depending on the molecular polarity of the solvent (Solvatochromic Property).

Both **confocal microscopy** (recommended excitation laser: 488 nm laser) and **two photon microscopy** (recommended laser: 960 nm laser) are compatible.

**Lymactin-T - CD3 mAb for T-cell expansion**

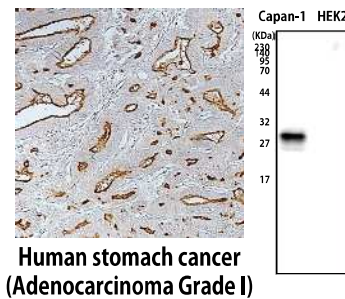
(#87-984)



- Good price
- Strong T cell proliferation
- Preservative Free
- Isotype: Mouse IgG2a, Kappa
- Clone : OKT3
- Purification : Protein G
- Size : 1mg
- Concentration : 1mg/mL

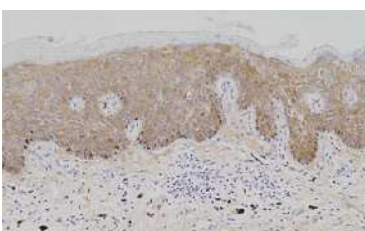
**MUC1 Antibody (014E)**

(#FDV-0012B)



- Specifically detects **scirrhous gastric cancer** & pancreatic cancer
- Isotype : IgG1 κ
- Reactivity : Human
- Specificity : Human Mucin1
- Clone: 014E
- For IHC/Western blot

**Lumican Polyclonal Antibody** (#FDV-0001)



- Clear stain of tumor part and stromal component in cancer tissues
- Pathologically validated
- Host: Rabbit
- For Human & Rat
- For IHC/Western blot

↑ IHC image of Bowen's disease patient tissue. Lumican expression is detected in cytoplasm of cancer cells at epidermis.

**List of Antibodies for Cancer Research**

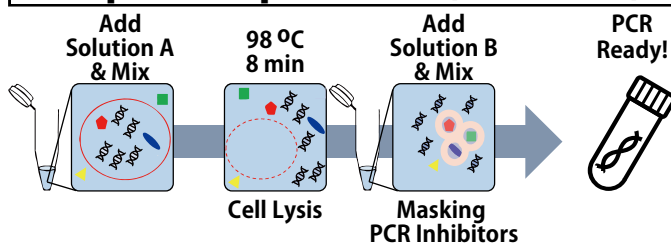
Distributed by:

**CliniSciences Group**



**Samples**  
 Mouse tail, Skin,  
 Cartilage, Liver,  
 Spleen, Kidney, Ear,  
 Heart, Lung, Brain,  
 Other Organs,  
 Blood, Cells, Feces...

**Simple 3-Step Protocol (in 10 min!)**

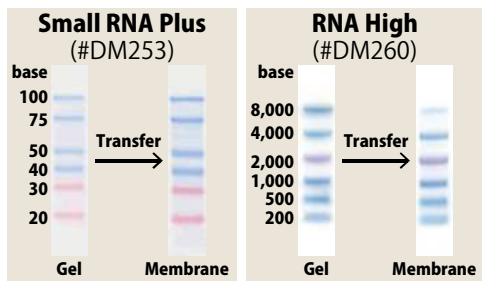


(#KN-T110005)  
 (#KN-B101005)

**Downstream Applications**

- Genotyping
- Colony PCR
- Microbiology testing
- Sequencing pre-treatment...

**Colored RNA Markers**



Prestained RNA Ladder for single-stranded RNA electrophoresis, made with patented technology.

You can monitor separation/transfer status.

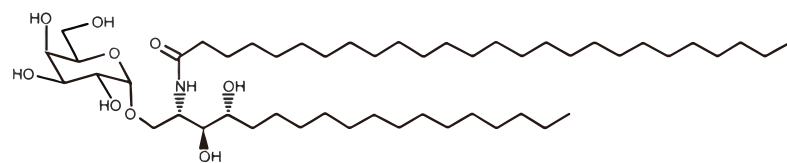
**Taq DNA Polymerase**

- ✓ Best Price!
- ✓ Comparable Performance as Leading Brands
- ✓ Various formats, Robust Buffer induces maximum enzymatic activity.

	#02-001	#02-002	#02-003	#02-004	#02-005
Taq DNA Polymerase	●	●	●		
Taq DNA Polymerase, Hot Start				●	●
dNTPs	●	●	●	●	●
Standard Buffer	●			●	
Robust buffer		●	●		●
Enhancer for High GC Template			●		

**KRN7000 (α-Gal-Cer) - Natural Killer T (NKT) Cell Activator**

(#KRN7000)

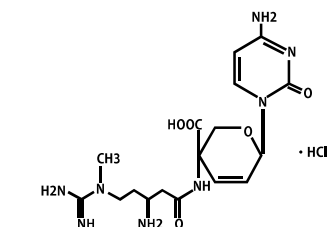


NOTE: Alpha-Gal-Cer (KRN7000) is licensed by Kyowa Hakko Kirin Company. This product is for research use only, not for use in human, therapeutic or diagnostic applications.

- ✓ Specific ligand for human and mouse NKT cells
- ✓ Exhibits various immunological effects through NKT cell functions including potent antitumor effect
- ✓ Activates CD1d mediated invariant NKT cells (iNKT cells)
- ✓ Both Th1 and Th2 cytokine are released after activation
- ✓ Varidated bioactivity by FCM
- ✓ For in-vitro & in-vivo uses

**Blasticidin S**

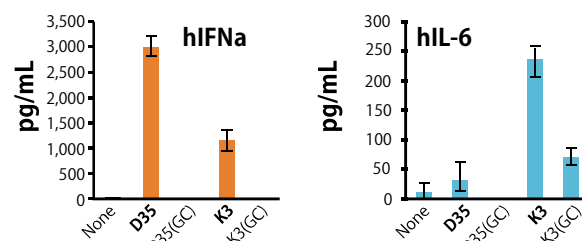
(#KK-400/#KK-400-1)



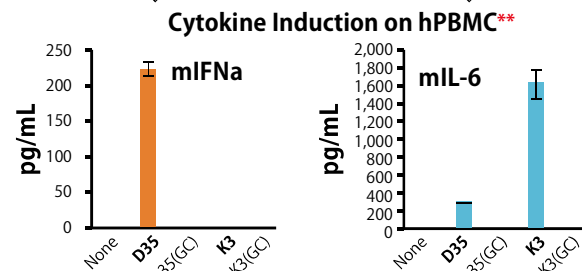
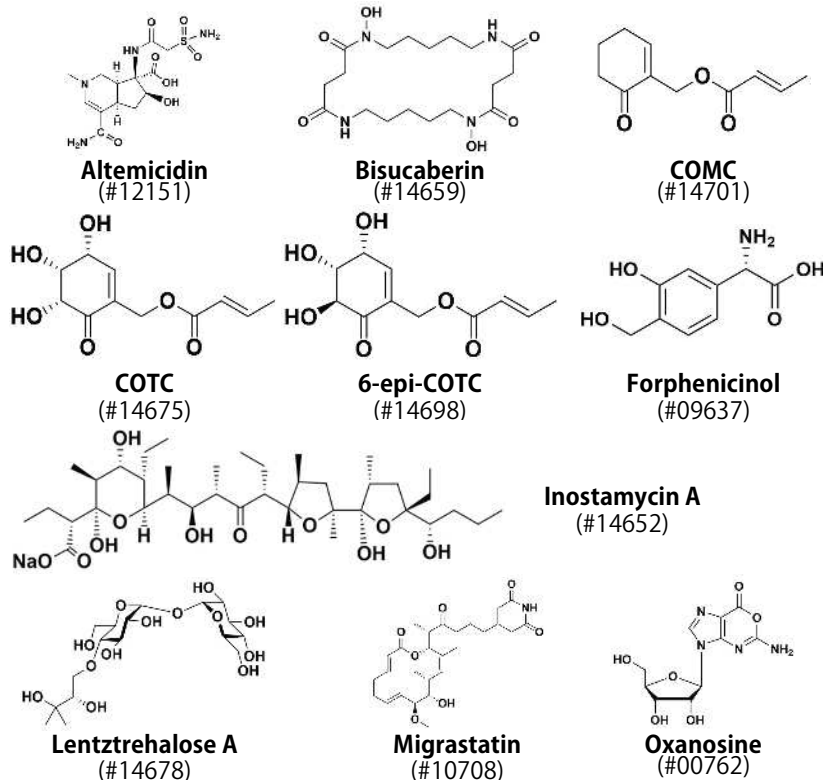
Best quality nucleoside antibiotic for the selection of transformants carrying blastocystidin-resistant genes.

Useful for establishing iPSCs by CiRA protocol.

**TLR9 Agonist D35/K3 (CpG-ODN)**



**Natural Compounds of Antitumor Activity**



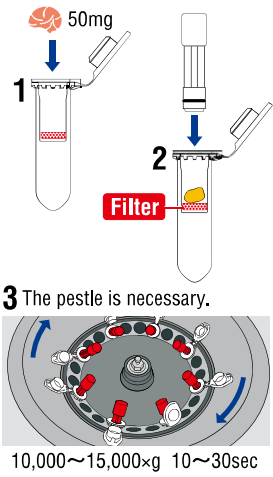
**Cytokine Induction on mouse FL-DC\*\***  
 \*\*This data is provided as a result of collaborative research with Professor Ken Ishii and Professor Daiki Aoshi, Adjuvant Development Project of National Institute of Pharmaceutical Sciences.

**Immune stimulation of potent and specific human, mouse immune cells, and for animal experiments, Offered in encapsulated vials in high purity. Guaranteed endotoxin 0.5 EU / mg or less.**

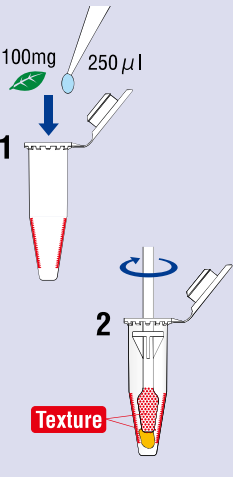
- A-class TLR9 ligand: D35 (#CN-65001)**
- ✓ Induction of high type I IFN production
  - ✓ Low activity against B cells
  - ✓ It is useful for activation of pDC and induction of IFN-α from PBMC, activation of IFN-signal pathway
- B-class TLR9 ligand: K3 (#CN-65003)**
- ✓ Stimulates B cells and activates TLR9-dependent NF-κB signal
  - ✓ Low activity for induction of IFN-α
  - ✓ B-class is useful for activation of B cell, induction of IL-6 from human PBMC, activation of NF-κB signal pathway

# BioMasher - Disposable Tissue Homogenizer

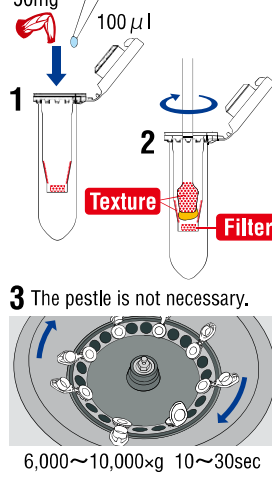
## BioMasher-I (#893041/#893011/#893012)



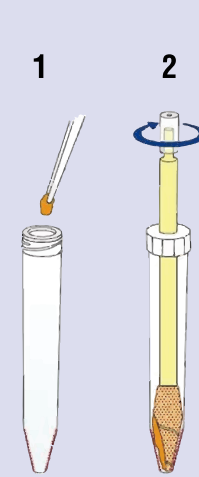
## BioMasher-II (#893061/#893062)



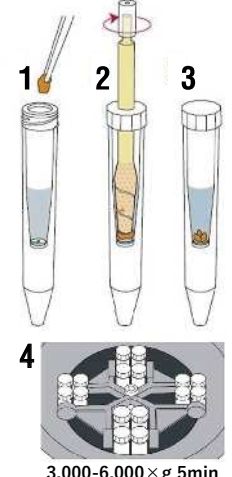
## BioMasher-III (#893131)



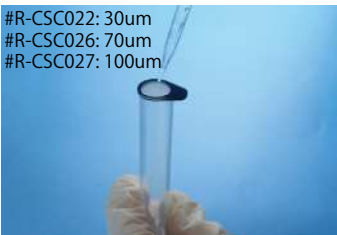
## BioMasher-sp (#893161/#893163)



## BioMasher-V (#893151/#893153)



# Cell Strainer Stickers for Cell Separation



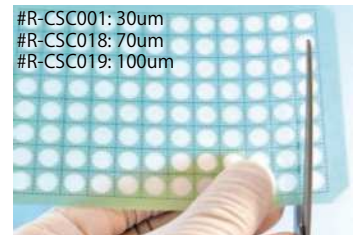
5 mL(30/70/100µm)



15 mL(30/70/100µm)



50 mL(30/70/100/300µm)

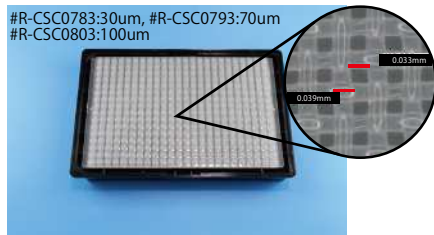


96 well(30/70/100µm)

# Centrifugal Filtration Plate (for 96 & 384-well)

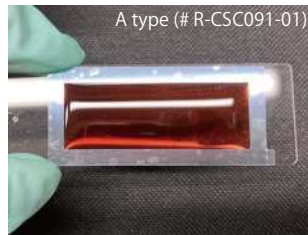


96 well

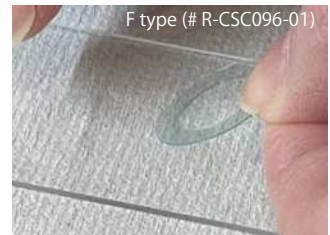


384 well

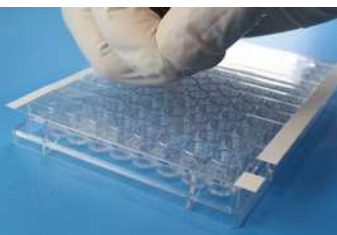
# PAP Barrier Stickers for Immunostaining



High: 0.155 mm, material: PET, various chemical resistance



# Cut-off Format Plate Seal



- Cuttable perforated microplate seal
- Vertical type (8 wells per row) & horizontal type (12 wells per line)
- **Suitable for immunoassays**
- Compatible with 96 well plates
- Manufactured in super clean room (ISO Class I)

#R-CSC024: Vertical  
#R-CSC046: Horizontal

# MagTrap™ Magnetic Separator

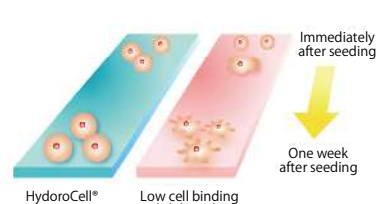


- 6 x 1.5/2 mL tubes
- Strong magnet
- Detachable stand
- Compact size
- Connectable

(#DD100)

# HydroCell® Flask, Low Cell Binding Cultureware

(#CSF025: T25/#CSF075: T75)



Super hydrophilic polymer is immobilized to the surface of the cultureware at nano-thickness.

- **Lowest attachment** rate among similar competitive brands.
- For formation of **embryoid bodies** of ES cells in culture
- For formation of anchorage-independent colonies
- For differentiation such as cartilage (**spheroid formation**)
- For culture & storage of **macrophage/immune cells**
- For **screening of anti-cancer drugs** (replacement for soft agar assays)

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Web: <https://www.biotrend.com>



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