



## Non-biotin IF Detection Kits

*Mouse, Rabbit, Rat Antibodies on Human and Animal Tissues or Cell Smears*

Medaysis MedaFluo™ immunofluorescence detection kits are specially designed for immunofluorescence detection on formalin-fixed paraffin embedded tissues, cryostat sections, and cell smears. The detection components have gone through extensive absorption to reduce cross reactivity. The kits are utilizing biotin-free signal amplification technologies that eliminate endogenous biotin background to achieve optimal signal-to-noise ratio. MF utilize different conjugating technology thus may be used for multiplexing.

Medaysis provides bright and stable Fluor dyes in all detection systems. Fluor dyes exhibit bright fluorescence intensity and photo stability. Also it remains highly fluorescent over a broad pH range (pH 4-9). These make it an ideal choice for researchers' immunofluorescence applications.

### Features

**Non-biotin  
 signal  
 amplification**

**Cleaner staining  
 without background**

**Brighter  
 fluorescence signal**

**Improved  
 photo-stability**

**Easy to follow protocol**

### Reference Table

Product	Technology	Available Dyes	Primary antibodies
MedaFluo™	Non-Biotin	Fluor <span style="background-color: #00FF00;">488</span> , <span style="background-color: #FFFF00;">550</span> , <span style="background-color: #FFA07A;">594</span> , <span style="background-color: #FF0000;">650</span>	Mouse, Rabbit, Mouse (on Mouse tissue), Rat (on mouse tissue), Mouse (on rat tissue)

### Dyes Specifications

Color	Emission	Fluor	Excitation/Emission*	Spectrally Similar Dyes
<span style="background-color: #00FF00;"> </span>	Green	488	493/518	Alexa Fluor 488, FITC, DyLight 488
<span style="background-color: #FFFF00;"> </span>	Yellow	550	562/576	Alexa 546, 555, Cy3, TRITC, DyLight 550
<span style="background-color: #FFA07A;"> </span>	Red	594	593/618	Alexa Fluor 594, Texas Red, DyLight 594
<span style="background-color: #FF0000;"> </span>	Red	650	652/672	Alexa Fluor 647, Cy5, DyLight 649

\*Excitation and emission maxima in nanometers (+/- 4nm) in phosphate-buffered saline (PBS)



Autofluorescence, caused from endogenous fluorophore such as porphyrins, lipofuscin, NADPH, flavins, collagen, elastin, tryptophan, tyrosine and phenylalanine etc., is an intrinsic property of cells and tissues. It can also be caused by the fixatives used. Autofluorescence complicates the use of fluorescence microscopy and interferes with detection of specific fluorescent signals.

Medaysis ready-to-use Autofluorescence Blocking Kit will reduce or eliminate autofluorescence and increase the signal to noise ratio. With the Autofluorescence Blocking Reagent, researchers can clearly visualize and quantify the target signal without interference from the autofluorescence.

**Cat. No.:** MB001L (100ml) and MB001M (18ml)

**Features**

- Clean staining no autofluorescence
- Increased signal to noise ratio
- User friendly ready-to-use format
- Compatible with commercial fluor

## MedaFluo™ Mouse on Mouse Immunofluorescence Detection

Cat No	Description	Size	Antibody	Applicable Tissue
MF001M	MedaFluo™ 488 Mouse on Mouse Immunofluorescence Detection Kit	18ml	Mouse	Mouse
MF001S	MedaFluo™ 488 Mouse on Mouse Immunofluorescence Detection Kit	6ml	Mouse	Mouse
MF002M	MedaFluo™ 550 Mouse on Mouse Immunofluorescence Detection Kit	18ml	Mouse	Mouse
MF002S	MedaFluo™ 550 Mouse on Mouse Immunofluorescence Detection Kit	6ml	Mouse	Mouse
MF003M	MedaFluo™ 594 Mouse on Mouse Immunofluorescence Detection Kit	18ml	Mouse	Mouse
MF003S	MedaFluo™ 594 Mouse on Mouse Immunofluorescence Detection Kit	6ml	Mouse	Mouse
MF010M	MedaFluo™ 650 Mouse on Mouse Immunofluorescence Detection Kit	18ml	Mouse	Mouse
MF010S	MedaFluo™ 650 Mouse on Mouse Immunofluorescence Detection Kit	6ml	Mouse	Mouse

## MedaFluo™ Mouse on Human, Rabbit, Goat Immunofluorescence Detection

Cat No	Description	Size	Antibody	Applicable Tissue
MF031M	MedaFluo™ 488 Immunofluorescence Mouse Detection Kit	18ml	Mouse	Human, Rabbit, Goat
MF031S	MedaFluo™ 488 Immunofluorescence Mouse Detection Kit	6ml	Mouse	Human, Rabbit, Goat
MF032M	MedaFluo™ 550 Immunofluorescence Mouse Detection Kit	18ml	Mouse	Human, Rabbit, Goat
MF032S	MedaFluo™ 550 Immunofluorescence Mouse Detection Kit	6ml	Mouse	Human, Rabbit, Goat
MF033M	MedaFluo™ 594 Immunofluorescence Mouse Detection Kit	18ml	Mouse	Human, Rabbit, Goat
MF033S	MedaFluo™ 594 Immunofluorescence Mouse Detection Kit	6ml	Mouse	Human, Rabbit, Goat
MF034M	MedaFluo™ 650 Immunofluorescence Mouse Detection Kit	18ml	Mouse	Human, Rabbit, Goat
MF034S	MedaFluo™ 650 Immunofluorescence Mouse Detection Kit	6ml	Mouse	Human, Rabbit, Goat

## MedaFluo™ Rabbit on Human, Rabbit, Goat Immunofluorescence Detection

Cat No	Description	Size	Antibody	Applicable Tissue
MF041M	MedaFluo™ 488 Immunofluorescence Rabbit Detection Kit	18ml	Rabbit	Human, Mouse, Goat
MF041S	MedaFluo™ 488 Immunofluorescence Rabbit Detection Kit	6ml	Rabbit	Human, Mouse, Goat
MF042M	MedaFluo™ 550 Immunofluorescence Rabbit Detection Kit	18ml	Rabbit	Human, Mouse, Goat
MF042S	MedaFluo™ 550 Immunofluorescence Rabbit Detection Kit	6ml	Rabbit	Human, Mouse, Goat
MF043M	MedaFluo™ 594 Immunofluorescence Rabbit Detection Kit	18ml	Rabbit	Human, Mouse, Goat
MF043S	MedaFluo™ 594 Immunofluorescence Rabbit Detection Kit	6ml	Rabbit	Human, Mouse, Goat
MF044M	MedaFluo™ 650 Immunofluorescence Rabbit Detection Kit	18ml	Rabbit	Human, Mouse, Goat
MF044S	MedaFluo™ 650 Immunofluorescence Rabbit Detection Kit	6ml	Rabbit	Human, Mouse, Goat



## MedaFluo™ Goat on Human Immunofluorescence Detection

Cat No	Description	Size	Antibody	Applicable Tissue
MF051M	MedaFluo™ 488 Immunofluorescence Goat Detection Kit	18ml	Goat	Human
MF051S	MedaFluo™ 488 Immunofluorescence Goat Detection Kit	6ml	Goat	Human
MF052M	MedaFluo™ 550 Immunofluorescence Goat Detection Kit	18ml	Goat	Human
MF052S	MedaFluo™ 550 Immunofluorescence Goat Detection Kit	6ml	Goat	Human
MF053M	MedaFluo™ 594 Immunofluorescence Goat Detection Kit	18ml	Goat	Human
MF053S	MedaFluo™ 594 Immunofluorescence Goat Detection Kit	6ml	Goat	Human
MF054M	MedaFluo™ 650 Immunofluorescence Goat Detection Kit	18ml	Goat	Human
MF054S	MedaFluo™ 650 Immunofluorescence Goat Detection Kit	6ml	Goat	Human

## MedaFluo™ Mouse on Rat Immunofluorescence Detection

Cat No	Description	Size	Antibody	Applicable Tissue
MF011M	MedaFluo™ 488 Mouse Immunofluorescence Detection Kit	18ml	Mouse	Rat
MF011S	MedaFluo™ 488 Mouse Immunofluorescence Detection Kit	6ml	Mouse	Rat
MF012M	MedaFluo™ 550 Mouse Immunofluorescence Detection Kit	18ml	Mouse	Rat
MF012S	MedaFluo™ 550 Mouse Immunofluorescence Detection Kit	6ml	Mouse	Rat
MF013M	MedaFluo™ 594 Mouse Immunofluorescence Detection Kit	18ml	Mouse	Rat
MF013S	MedaFluo™ 594 Mouse Immunofluorescence Detection Kit	6ml	Mouse	Rat
MF014M	MedaFluo™ 650 Mouse Immunofluorescence Detection Kit	18ml	Mouse	Rat
MF014S	MedaFluo™ 650 Mouse Immunofluorescence Detection Kit	6ml	Mouse	Rat

## MedaFluo™ Rat on Mouse Immunofluorescence Detection

Cat No	Description	Size	Antibody	Applicable Tissue
MF021M	MedaFluo™ 488 Rat on Mouse Immunofluorescence Detection Kit	18ml	Rat	Mouse
MF021S	MedaFluo™ 488 Rat on Mouse Immunofluorescence Detection Kit	6ml	Rat	Mouse
MF022M	MedaFluo™ 550 Rat on Mouse Immunofluorescence Detection Kit	18ml	Rat	Mouse
MF022S	MedaFluo™ 550 Rat on Mouse Immunofluorescence Detection Kit	6ml	Rat	Mouse
MF023M	MedaFluo™ 594 Rat on Mouse Immunofluorescence Detection Kit	18ml	Rat	Mouse
MF023S	MedaFluo™ 594 Rat on Mouse Immunofluorescence Detection Kit	6ml/kit	Rat	Mouse
MF024M	MedaFluo™ 650 Rat on Mouse Immunofluorescence Detection Kit	18ml	Rat	Mouse
MF024M	MedaFluo™ 650 Rat on Mouse Immunofluorescence Detection Kit	6ml	Rat	Mouse

Research use only