FV10i-Get your Image!!



NEW

Quality performance, innovative design

FV10i

PtK2 Cells: Cyan:nuclei(DAPI) Green:Actin filament(AlexaFluor488) Magenta:Mitochondria(Mito Tracker Red) Yellow:Microtuble (Cy5)

科學技術部 易德明 20090415

FV10i-Hardware



FV10C-PSU FV10i main unit

EZIO 24" monitor FV10C-CU

Hardware feature FV10i-O





One micro slide



One glass bottom dish

N.A 1.35 oil obj



Hardware feature FV10i-W

Specimen holders



One micro slide



One cover glass chamber

Quality performance, innovative design



Culture pod system



Three glass bottom dish

Hardware feature FV10i-W

Automation



temperature 37°C, humidity over 90%,

Water supply nozzle









Automatic correction collar

N.A 1.2

開機順序





NEW



Quality performance, innovative design FLUOVIEU FV10i Warm-up period FV10i-O: 30minutes FV10i-W: 60minutes

Step 1: Dye selection

Please check water.



Please keep the button pressed until the water has reached the nozzle.

Please check the Sample Holder.



Please ensure that sample holder is placed. Restart of the application is required for any sample holder change.

Set From Dye Data Base						Load From The Acquired Image		
ip Dyes							Selec	ted Dyes
Name	Ex[nm]	Em[nm]	Name	Ex[nm]	Em(nm)	1		
			Magnesium Green(Zn)	507	531		•	Mito Tracker Red
Acridine Orange/DNA	502	526	Magnesium Orange	550	574		O.	Alexa Fluor 488
Alexa Fluor 405	401	422	e mCherry	580	610			
Alexa Fluor 488	499	520	Midorlishi-Cyan	470	495	7		
Alexa Fluor 546	557	572	Mito Tracker Red	578	598	Apply >		
Alexa Fluor 568	577	603	mKeima-Red	443	620			
Alexa Fluor 594	590	618	mKusabira-Orange	548	559			
Alesa Fluor 633	631	647	0					
Alexa Fluor 647	653	668	Oregon Green 488 BAPTA-1	498	526			
Azami Green	493	505	Oregon Green 488 BAPTA-2	498	526		!	
			Oregon Green 488 BAPTA-SN	498	526			All Clear Dulate
Calcium Crimson	589	609	P					All clear Delete
Calcium Green 1	506	529	er er	537	619			
Calcium Green-2	505	529	PDP0-3	533	574			
Calrium Green-5N	506	529	D					
Calcium Orange	549	574	O Odet525	400	574			
Calrium Orange-SN	540	574	Odat565	400	564			
547	440	504	Oder585	400	585			
08	547	567	010005	400	604			
6.35	578	507	Odde555	400	655			
0.5	545	552	Oder205	400	705			
0.65	672	602	C Cuches	400	100			
(1)5	673	095	end 1	557	677			
DAR	250	461	Disadamina Cross	407	512			
DAP1	538	-04	Oberdamine Green	-27 E E 0	525			
00	551	309	Chodemine Phanoidin	550	3/3			
different Deut	401	200	Forbdamine Ked-X	3/2	3574			
ukeima-keu	440	010		PAR				
Dr. Roda	547	501	TO 500 2	563	617			
Northeast .	305	201	104645	643	657			
S.CEP	190	510	1010.5	042	570			
EVEN	489	510	india.	552	3/8			
LIFF	460	527		100	603			
-	405	510	A-(100-1	560	601			
PHC .	495	519		4112	100			
nuo-3	506	527	1010-1	491	508			
1100-4	494	516	O cra o con	100	F10.245			
Tura Red(Ca free)	472	670	GFP/mCherry/FRET	489	510,610			
		110	MICy/mKO/FRET	470	496,559			
Hc-Red1	590	613						
Hoechst33258	352	455						
Hoechst33342	352	455						
Lusifer yellow	428	536						
Magnesium Green(Mg)	507	531						

Please set your Observation Condit

Set sample → choose dye



Step 2: Target selection



Focus → Map Image

Step 3: Image setting



Observation Mode



Operation Flow: Multi Area xyzt



Just follow him!! Navigation



Image review and analysis:



Thank you for your attention! and

Ready for Hands-on!!

Quality performance, innovative design

FLUOVIEW

FV10i

NEW