

Configuration Practice Sheet 1

Try setting up for the following dyes:

| Name | Peak Ex | Peak Em | 1 | 2 | 3 | 4 | 5 | 6 |
|--------|---------|---------|---|---|---|---|---|---|
| FITC | 495 | 520 | | | | | | |
| TRITC | 550 | 570 | | | | | | |
| TOPRO3 | 642 | 657 | | | | | | |

Available Laser Lines #1

458 nm
488 nm
514 nm
543 nm
633 nm

Main Dichroics (HFT) #2:

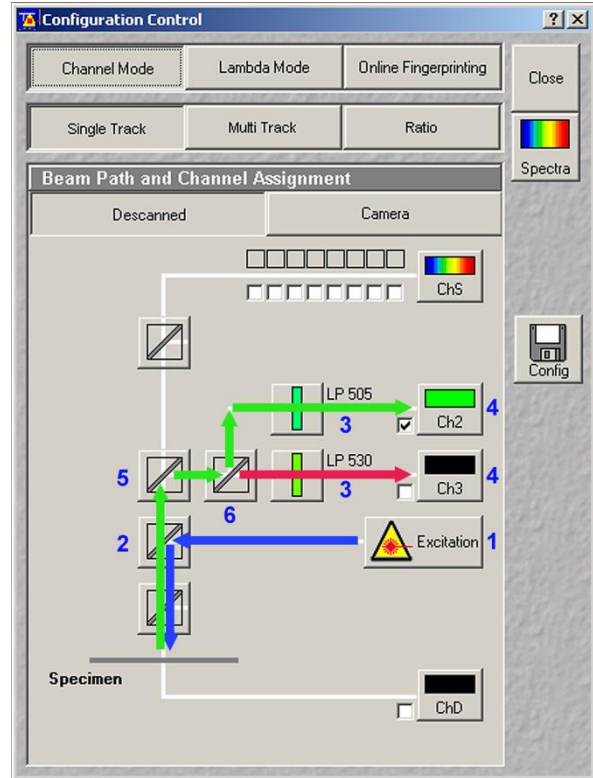
NT 80/20
HFT UV/488/543/633
HFT 477/543
HFT 488/543
HFT 458/514
HFT 514/633
HFT 458
HFT 488

Emission Filters Ch2 #3:

LP 475
LP 505
BP 475-525
BP 500/20 IR
BP 505-530
BP 530-600
BP 505-550
Empty

Emission Filters Ch3 #3:

LP 530
LP 560
BP 560-615
BP 585-615
Empty
LP 650
LP 505



Secondary Dichroics 1 (NFT) #5:

None (2) – Empty Positions
Mirror
NFT 545
NFT 570
NFT 633 VIS
NFT KP 545
Plate (allows passage of 100% light)

Secondary Dichroics 2 (NFT) #6:

Mirror
NFT 515
NFT 545
Plate

Double check your lightpath to make sure it all works. GREEN arrows are reflected and RED arrows are passed straight through.