

LSR II OPTICAL CONFIGURATION

| Laser | Detector | LP Filter | BP Filter | Parameter | Other usable fluorochromes | | | | | |
|-----------------|----------|-----------|-----------|---------------|----------------------------|----------------|-------------|-----------|---------|---|
| Blue 488nm | 1 | - | 488/10 BP | SSC | | | | | | |
| | 2 | 735 LP | 780/60 BP | PE-Cy7 | | | | | | |
| | 3 | 685 LP | 695/40 BP | PerCP-Cy5.5 | PE-Cy5 | PI | 7-AAD | PerCP | | |
| | 4 | 550 LP | 575/25 BP | PE | DsRed | PI | | | | |
| | 5 | 505 LP | 530/30 BP | FITC | GFP | YFP | CFSE | Alexa 488 | DHR 123 | |
| | 6 | N/A | N/A | - | - | - | - | - | - | - |
| | 7 | N/A | N/A | - | - | - | - | - | - | - |
| | 8 | N/A | N/A | - | - | - | - | - | - | - |
| Red 633nm | 1 | | 660/20 BP | APC | Alexa 647 | | | | | |
| | 2 | 735 LP | 780/60 BP | APC-Cy7 | BD APC-H7 | | | | | |
| | 3 | N/A | N/A | - | - | - | - | - | - | - |
| UV 355nm | 1 | 505 LP | 530/30 BP | Indo-I blue | | | | | | |
| | 2 | | 440/50 BP | Indo-I violet | DAPI | Hoechst | Alexa 350 | | | |
| | 3 | N/A | N/A | - | - | - | - | - | - | - |
| Violet 407nm | 1 | 505 LP | 525/30 BP | AmCyan | Horizon V500 | Pacific Orange | | | | |
| | 2 | | 460/50 BP | Pacific Blue | DAPI | Hoechst | Alexa 405 * | CFP | | |
| | 3 | N/A | N/A | - | - | - | - | - | - | - |