

FACS LRS Fortessa

Standard Configuration of the FACS Unit at the CCRC – LMU Klinikum

Prof. Klein, Version 1.0 / 2025_07

BLUE LASER (Trigon) 488 nm			
Detector	Filter LP	Filter BP	Fluorochromes
A	685	710/50	PerCP-Cy5.5/BB770/RB705
B	505	530/30	FITC/AF488/BB515/GFP
C	-	488/10	SSC

YELLOW-GREEN LASER (Octagon) 561 nm			
Detector	Filter LP	Filter BP	Fluorochromes
A	750	780/60	PE-Cy7/RY775
C	635	670/30	PE-Cy5/ 7AAD
D	600	610/20	PE-CF594/mCherry/PI/RY610
E		586/15	PE/RFP/RY586

RED LASER (Trigon) 640 nm			
Detector	Filter LP	Filter BP	Fluorochromes
A	750	780/60	APC-Cy7/APC-H7/APC-Fire780
B	690	730/45	AlexaFluor700/APC-R700/R718
C		670/14	APC/AF647

VIOLET LASER (Octagon) 405 nm			
Detector	Filter LP	Filter BP	Fluorochromes
A	735	780/60	BV786
B	690	710/50	BV711
C	630	670/30	BV650
D	600	610/20	BV610
E	505	525/50	BV480/BV510/V500
F		450/50	BV421/Pacific Blue/DAPI

UV LASER STANDARD (Trigon) 355 nm			
Detector	Filter LP	Filter BP	Fluorochromes
A	670	730/45	BUV737
B	410	514/30	BUV496
C		86/25	BUV395