

FACS ARIA III

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	655	695/40	PerCP-Cy5.5/BB700/RB705
B	502	530/30	FITC/BB515/AF488/GFP
C	-	488/10	SSC

YELLOW-GREEN LASER (Octagon) 561 nm			
Detector	Filter LP	Filter BP	Fluorochromes
A	735	780/60	PE-Cy7/RY775
B	685	710/50	RY703
C	630	670/14	PE-Cy5; 7-AAD
D	600	610/20	PE-CF594/mCherry/PI/RY610
E		586/15	PE/RFP/RY586

RED LASER (Trigon) 633 nm			
Detector	Filter LP	Filter BP	Fluorochromes
A	755	780/60	APC-Cy7/APC-H7/APC-Fire780
B	690	730/45	AlexaFluor700/APC-R700/R718
C		660/20	APC/AF647

VIOLET LASER (Octagon) 405 nm			
Detector	Filter LP	Filter BP	Fluorochromes
A	735	780/60	BV786
B	685	710/50	V711
C	640	670/30	BV650
D	600	610/20	BV605
E	502	510/50	BV480/BV510/V500
F		450/40	BV421/V450/PB/DAPI