

Benchtop Analyzers

Fortessa 4-15 (Main CAT Facility)

Laser	Laser	Filter	Fluorophore
Violet	405	450/50	BV421
Violet	405	525/50	BV510
Violet	405	610/20	BV605
Violet	405	670/25	BV650
Violet	405	710/50	BV711
Blue	488	530/30	FITC
Blue	488	710/50	PerCP-Cy5.5
Yellow/Green	561	582/15	PE
Yellow/Green	561	610/20	PE-Dazzle595
Yellow/Green	561	670/30	PE-Cy5
Yellow/Green	561	730/50	PE-Cy5.5
Yellow/Green	561	780/60	PE-Cy7
Red	640	670/30	APC
Red	640	730/45	APCR700
Red	640	780/40	APC-Cy7

LSR II 4-12 (Billings Hospital)

Laser	Laser	Filter	Fluorophore
Violet	405	450/50	BV421
Violet	405	525/50	BV510
Violet	405	610/20	BV605
Blue	488	525/50	FITC
Blue	488	695/40	PerCP-Cy5.5
Yellow/Green	561	582/15	PE
Yellow/Green	561	610/20	PE-Dazzle595
Yellow/Green	561	670/30	PE-Cy5
Yellow/Green	561	780/60	PE-Cy7
Red	640	660/20	APC
Red	640	720/40	APCR700
Red	640	780/60	APC-Cy7

Fortessa 4-15 HTS (Main CAT Facility)

Laser	Laser	Filter	Fluorophore
Violet	405	450/50	BV421
Violet	405	525/50	BV510
Violet	405	610/20	BV605
Violet	405	660/20	BV650
Violet	405	710/50	BV711
Blue	488	525/50	FITC
Blue	488	750/50	PerCP-Cy5.5
Yellow/Green	561	582/15	PE
Yellow/Green	561	610/20	PE-Dazzle595
Yellow/Green	561	670/30	PE-Cy5
Yellow/Green	561	710/50	PE-Cy5.5
Yellow/Green	561	780/60	PE-Cy7
Red	640	660/20	APC
Red	640	730/45	APCR700
Red	640	780/60	APC-Cy7

PME Fortessa (William Eckhardt Research center)

Laser	Laser	Filter	Fluorophore
UV	355	379/28	BUV396
UV	355	450/50	DAPI
UV	355	515/30	BUV496
UV	355	730/35	BUV737
Violet	405	450/50	BV421
Violet	405	525/50	BV510
Violet	405	610/20	BV605
Violet	405	670/30	BV650
Violet	405	710/50	BV711
Violet	405	780/60	BV786
Blue	488	530/30	FITC
Blue	488	695/40	PerCP-Cy5.5
Yellow/Green	561	586/15	PE
Yellow/Green	561	610/20	PE-Dazzle595
Yellow/Green	561	780/60	PE-Cy7
Red	640	670/30	APC
Red	640	730/45	APCR700
Red	640	780/60	APC-Cy7

Sorters

BD FACSAria Fusion (Main CAT Facility)

Laser	Laser	Filter	Fluorophore
UV	355	379/28	BUV396
UV	355	515/30	BUV496
UV	355	820/60	BUV805
Violet	405	450/50	BV421
Violet	405	525/50	BV510
Violet	405	610/20	BV605
Violet	405	670/30	BV650
Violet	405	710/50	BV711
Violet	405	780/60	BV786
Blue	488	515/20	FITC
Blue	488	710/50	PerCP-Cy5.5
Yellow/Green	561	585/15	PE
Yellow/Green	561	610/20	PE-Dazzle595
Yellow/Green	561	670/30	PE-Cy5
Yellow/Green	561	780/60	PE-Cy7
Red	640	670/30	APC
Red	640	730/45	APCR700
Red	640	780/60	APC-Cy7

****6/21/21 unavailable for reasons not related to water damage****

BD FACSAria II (Main CAT Facility)

Laser	Laser	Filter	Fluorophore
Violet	405	450/40	BV421
Violet	405	525/50	BV510
Violet	405	610/20	BV605
Violet	405	660/20	BV650
Violet	405	710/50	BV711
Blue	488	530/30	FITC
Blue	488	700/40	PerCP-Cy5.5
Yellow/Green	561	582/15	PE
Yellow/Green	561	610/20	PE-Dazzle595
Yellow/Green	561	670/14	PE-Cy5
Yellow/Green	561	710/50	PE-Cy5.5
Yellow/Green	561	780/60	PE-Cy7
Red	640	670/30	APC
Red	640	730/45	APCR700
Red	640	780/60	APC-Cy7