

## BBP Exposure Plan: Workstation Risks

LabSection	WorkStation	SpecimenVolume	Risk	EngineeringControls	WorkpracticeControls	ProtectiveClothing	Gloves	Ergonomically safe
Blood Bank	C/M Processing Patient Sample	7	Moderate	Hemoguard		No	Yes	Yes
Blood Bank	C/M Processing Unit Segment	0.5	Low	Typesafe Segment Device		No	Yes	Yes
Blood Bank	C/M Pooling Platelets/ Cryos	500	Moderate		2 coupler system	No	Yes	Yes
Blood Bank	C/M Thawing FFP	400	Low	Closed System		No	No	Yes
Blood Bank	C/M Aliquoting RBC's	150	Moderate	Closed System	4X4 gauze between fingers and weld	No	Yes	Yes
Blood Bank	C/M Issuing Components	400	Low	Closed System		No	Yes	Yes
Blood Bank	C/M Discarding Patient Sample	7	Low	Closed System		No	Yes	Yes
Blood Bank	C/M Labeling/Bag Tagging	5	Moderate		Attach bag tag so as not to contaminate components	No	Yes	Yes
Blood Bank	Processing/Processing Segments	0.5	Low	Typesafe Segment Device		No	Yes	Yes
Blood Bank	Washing Whole Units/ Deglycing/Centrifugation	300	Moderate	Closed System	IBM processing	Yes	Yes	Yes
Blood Bank	Processing/Freeze/Whole Units	300	Moderate	Closed System		No	Yes	Yes
Blood Bank	Processing/Concentrating Platelets	400	Moderate	Closed System		Yes	Yes	Yes
Blood Bank	Perinatal/Processing Patient Sample	7	Moderate	Hemoguard tube		No	Yes	Yes

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Blood Bank	Perinatal/Freezing Rare Samples	3	Low	Insulated liquid nitrogen gloves		No	Yes	Yes
Blood Bank	ECHO	7	Moderate	Closed System	Hemaguard Tubes	No	Yes	Yes
Core	Specimen Receiving	50	Moderate	Closed System, gloves must be worn		Yes	Yes	Yes
Core	Cell Counts	5	Moderate	Shield		Yes	Yes	Yes
Core	Gram Stain/Slides	1	Low	Sharps container		Yes	Yes	Yes
Core	Chem Specimen Processing	2	High			Yes	Yes	Yes
Core	DXC/DXI Tube Sampling	7	High	Auto-sampling/Shielded system		Yes	Yes	Yes
Core	Saves	7	Moderate			Yes	Yes	Yes
Core	Urine Area	100	Low			Yes	Yes	Yes
Core	Making Blood Slides	5	Moderate	Sharps Container		Yes	Yes	Yes
Core	Coulter LH750 -Primary	5	None	Closed System		Yes	Yes	Yes
Core	Osmolality	7	Low			Yes	Yes	Yes
Core	Microscopes / Slide	0	Low	Sharps Container		Yes	Yes	Yes

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Core	Receiving Centrifuge	5	None			Yes	Yes	Yes
Core	Coagulation - Elite Pro	5	Low	Autosampling/Shielded System		Yes	Yes	Yes
Core	Cell Counts	10	Moderate	Shield		Yes	Yes	Yes
Core	Urine Area	10	Low			Yes	Yes	Yes
Core	Roche 1800 + Sysmex 2400 - 4 F100	20	Moderate			Yes	Yes	Yes
Core	Urinalysis Centrifuge	12	Moderate	Sharps container		Yes	Yes	Yes
Core	Urinalysis Microscope	1	Moderate	Sharps Container		Yes	Yes	Yes
Core	Fluids / Cytocentrifuge	10	Moderate			Yes	Yes	Yes
Core	Coagulation Prep	5	None			Yes	Yes	Yes
Core	Sed Rates	3	Very High	Shield		Yes	Yes	Yes
Core	Sorting and Aliquoting	50	Moderate	Aliquoting/Sheilded System	Sharps Container	Yes	Yes	Yes
Core	Making Blood Slides LH750	5	Moderate	Closed System		Yes	Yes	Yes
Core Receiving	Specimen Processing Centrifuge	5	Moderate	Closed System		Yes	Yes	Yes

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Core Receiving	Specimen Aliquoting	5	Very High	Aliquoting/Sheilded System		Yes	Yes	Yes
Cytology	Prep Lab - Non Gyn Pipetting and Pouring	3000	Moderate		Normal spill containment	Yes	Yes	Yes
Flow Cytometry	Hemoglobin Electrophoresis	5	Moderate	Shield		Yes	Yes	Yes
Flow Cytometry	Flow Cytometry - Setting Up	5	Moderate	Shield/Gauze		Yes	Yes	Yes
Flow Cytometry	Flow Cytometry - Tissue Processing	5	Moderate	Shield		Yes	Yes	Yes
Flow Cytometry	Flow Cytometry- Q prep/ Running	0.5	Low	Closed System		No	Yes	Yes
Flow Cytometry	Flow Cytometry - Centrifuging	0.5	Moderate	Closed System		No	Yes	Yes
Histopathology	Cassette Prep	0.1	Moderate	Shield, double glove	Rinse Cassettes first!	Yes	Yes	Yes
Histopathology	Grosslab/Cutting	100	High	Sharps Container, grosslab, double glove,		Yes	Yes	Yes
Histopathology	Specimen Receiving	100	Moderate	Safety glasses, face shield		Yes	Yes	Yes
Histopathology	Striker Saw	5	Very High	Face shield, double glove		Yes	Yes	Yes
Histopathology	Autopsy	1000	Very High	Face shield, shoe covers, double glove	Cut bone under plastic bag!	Yes	Yes	Yes
Histopathology	Bone Marrow Preparation	2	High	Shield, double glove		Yes	Yes	Yes

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Histopathology	Staining HE / Special Stains /	0.1	Low	Closed system		Yes	Yes	Yes
Histopathology	Microtome	0.1	High			Yes	Yes	Yes
Immunochemistry	DXI	5	Moderate			Yes	Yes	Yes
Immunochemistry	Viral	5	Moderate			Yes	Yes	Yes
Immunochemistry	Manual Serology/Diamedix	5	Moderate			Yes	Yes	Yes
Microbiology	Positive Blood Bottle Processing	10	Moderate	Biological Safety Cabinet (BSC)	Standard Precautions	Yes	Yes	Yes
Microbiology	Specimen Receiving	50	Low	Specimen in Ziplock bag	Standard Precautions	Yes	Yes	Yes
Microbiology	Routine Work Station	2	Low	Parafilm sealed culture plate	Standard Precautions	Yes	No	Yes
Microbiology	Serologic Procedures	5	Low	Shield or Safety Glasses	Standard Precautions	Yes	Yes	Yes
Microbiology	AFB Processing	50	High	Biological Safety Cabinet (BSC)	BSL-3 Work Practices / Standard Precautions	Yes	Yes	Yes
Microbiology	FA	5	High	Biological Safety Cabinet (BSC)	Standard Precautions	Yes	Yes	Yes
Microbiology	EIA	5	Low	Biological Safety Cabinet (BSC)	Standard Precautions	Yes	Yes	Yes
Microbiology	BLC Culture System	10	Low	Closed System	Standard Precautions	No	Yes	Yes

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Microbiology	Routine Planting	5	Moderate	Biological Safety Cabinet (BSC)	Standard Precautions	Yes	Yes	Yes
Microbiology	GenProbe Processing	5	High	Biological Safety Cabinet (BSC)	Standard Precautions	Yes	Yes	Yes
Microbiology	Gram Staining	1	Low	Sharps container	Standard Precautions	Yes	Yes	Yes
Microbiology	Microscan	5	Low		Standard Precautions	Yes	Yes	Yes
Microbiology	Acid Fast Staining	5	None		Standard Precautions	Yes	Yes	Yes
Microbiology	GenProbe Test Station	5	None		Standard Precautions	Yes	Yes	Yes
Microbiology	HPLC Test Station	5	None		Standard Precautions	Yes	Yes	Yes
Microbiology	HPLC Processing	5	High	Biological Safety Cabinet (BSC)	BSL-3 Work Practices / Standard Precautions	Yes	Yes	Yes
Microbiology	AFB Media Reading	10	Moderate	Sealed Containers		Yes	Yes	Yes
Microbiology	Mycology Media Reading	2	Moderate	Sealed Containers	Standard Precautions	Yes	Yes	Yes
Microbiology	Mycology Work Station	2	High	Biological Safety Cabinet (BSC)	BSL-3 Work Practices / Standard Precautions	Yes	Yes	Yes
Molecular	PCR- Area 1 Reagent Prep	1	None			No	Yes	Yes
Molecular	PCR Area 2 - Specimen Prep	1	Very High	Biological Safety Cabinet (BSC)		Yes	Yes	Yes

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Molecular	PCR Area 3 Amplication/ detection	1	None			No	Yes	Yes
Molecular	B-V Viper	3	None			Yes	Yes	No
Phlebotomy	Phlebotomy Procedures	7	Low	Sharps Containers	No recapping!	Yes	Yes	Yes
Phlebotomy	Transport Order/Entry	7	Low	Closed System		Yes	Yes	Yes
Send Outs	Receiving Specimens	5	Low			No	Yes	Yes
Send Outs	Processing Patient Samples	3	Moderate			Yes	Yes	Yes
Toxicology	Overdose Workup	7	Moderate			Yes	Yes	Yes
Toxicology	Therapeutic Assays	7	Moderate			Yes	Yes	Yes
Toxicology	Urine Assays	100	Moderate			Yes	Yes	Yes