

	CP 8 PCR Specimen Handling	Department:	Central Processing Lab
		Effective Date:	5/2001
		Revised Date:	2/25/2019
		Contact:	Central Processing Lab Section Manager
CLIA Medical Director Signature: See paper copy in the Central Processing procedure manual		Approved Date:	2/26/2019

1. General Procedure Statement:

- a. Purpose:** To provide Central Processing team members with the guidelines for properly handling samples for PCR testing
- b. Responsible Department/Scope:**
 - i. Procedure owner/Implementer: Central Processing
 - ii. Procedure prepared by: Jennifer Hausman
 - iii. Who performs procedure: Central Processing Team Members

2. Procedure:

Note: Appropriate personal protective equipment (PPE) must be worn when handling biohazardous specimens

- a.** Receive samples in the Laboratory Information System (LIS)
- b.** Deliver samples to the appropriate testing area
 - i. Microbiology samples are delivered to the Microbiology Section
 - ii. Molecular Diagnostic samples are placed in the PCR bin in the Tube Room
 - 1. Outside of the regular business hours of Molecular Diagnostics, place samples in the designated location in the refrigerator

c. PCR testing performed in the Microbiology Lab

Test	Lab Code	Specimen
ADENOVIRUS QUALITATIVE PCR	LAB3566	3 mL Lavender
B. PERTUSSIS/PARAPERTUSSIS PCR	LAB3574	Pertussis Swab
BK VIRUS, DNA, QUANT PCR (BLOOD)	LAB3168	3 mL Lavender
BK VIRUS, DNA, QUANT PCR (URINE)	LAB2747	Urine Container
CMV-PCR (QUANTITATIVE)	LAB3576	10 mL Lavender
CMV DNA PCR, QUALITATIVE	LAB3171	Other, Non-Blood
EBV-PCR (QUANTITATIVE)	LAB3577	10 mL Lavender Other, Non-Blood
ENTEROVIRUS PCR	LAB3176	Other, Non-Blood
GI PATHOGEN PANEL	LAB3939	Stool
HEPATITIS C RNA PCR, QUANTITATIVE	LAB3180	10 mL Lavender
HIV RNA, QUANTITATIVE	LAB3190	10 mL Lavender
HSV 1 AND 2 PCR	LAB3191	CSF Sterile Container Other, Non-Blood
HSV PCR BLOOD	LAB3892	3 mL Lavender
MENINGITIS/ENCEPHALITIS PANEL	LAB4594	CSF Sterile Container
RESPIRATORY VIRUS PANEL	LAB3202	Nasal swabs (RVP kit) Bronch Specimens
VARICELLA ZOSTER PCR	LAB3572	3 mL Lavender Other, Non-Blood

d. PCR testing performed in the Molecular Diagnostics Lab

Test	Lab Code	Specimen
BCR P210, BLOOD	LAB3167	10 mL Lavender
BCR P210, BONE MARROW	LAB3947	Bone Marrow
BCR P190, BLOOD	LAB3567	10 mL Lavender
BCR P190, BONE MARROW	LAB3948	Bone Marrow
PML-RARA, BLOOD	LAB3198	10 mL Lavender
PML-RARA, BONE MARROW	LAB3949	Bone Marrow
T-CELL RECEPTOR GENE REARRANGMENT	LAB3210	10 mL Lavender
B-CELL CLONALITY IGH	LAB3166	10 mL Lavender

3. Review/Revision/Implementation:

- a. All procedures must be reviewed at least every 2 years.
- b. All new procedures and procedures that have major revisions must be signed by the CLIA Laboratory Medical Director.
- c. All reviewed procedures and procedures with minor revisions can be signed by the designated section medical director.

4. Related Procedures:

- a. Specific testing procedures contained in the Microbiology and Molecular Diagnostics procedure manuals.

5. References:

6. Attachments:

7. Revised/Reviewed Dates and Signatures:

Review Date	Revision Description	Signature
2/25/2019	Added additional PCR testing now performed. Updated the charts to include the lab code for ordering and specimen type.	Jennifer A. Hausman, MLS(ASCP)SBB ^{CM}