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Title **Cleaning and Decontamination Procedure for Cobas LIAT PCR System**

Purpose This procedure provides instructions for cleaning and decontamination of work benches, work area, and Cobas LIAT PCR System used for PCR testing in the laboratory and Point of Care testing areas. Routine decontamination helps ensure surfaces and instruments used in molecular testing are free from contamination that could adversely affect the accuracy of results reported on patient specimens.

Scope This procedure is intended for Medical Center Laboratories, Urgent Care Laboratories, and Ambulatory departments where the Cobas LIAT PCR System is deployed for POCT molecular testing.

Policy Routine cleaning and decontamination of work areas must be performed at the beginning and end of each shift. Additional decontamination should be performed if there is suspected contamination of work areas or if an accidental spill of blood or body fluid occurs.

Materials and supplies

- Disinfectant towel with 0.525% (1:10) Bleach
- 70% Isopropyl Alcohol
- Kimwipes or other Laboratory Wipe

Safety Precautions

- Proper PPE must be worn when performing this procedure
- Refer to the safety manual for general safety requirements.

Procedure Cleaning and decontamination is performed at the beginning and end of each shift and when there is suspected contamination or accidental spill of blood or body fluids.

Step	Action
1	<ul style="list-style-type: none">• Put on proper PPE• Gather required materials and supplies

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Cobas LIAT PCR System**

2	Wipe using the disinfectant towel with bleach: <ul style="list-style-type: none">• Disinfect all surfaces on the LIAT analyzer, including the front buttons.• Disinfect work area and counter and surrounding the analyzer.• Disinfect all racks used during testing.• Allow to air dry
3	<ul style="list-style-type: none">• After the surfaces are dry, wipe with 70% Isopropyl Alcohol to remove bleach residue.• Allow to air dry.
4	<ul style="list-style-type: none">• Document cleaning and disinfection daily on the maintenance log.

Attachments Cobas LIAT maintenance log.

**Non-
Controlled
Documents** The following non-controlled documents support this procedure.

- College of American Pathologists Point of Care Checklist
- Cobas LIAT System Operators Manual

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Signature Manifest

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Review

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