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Refer to IPAC website, <http://ipac.vch.ca/Pages/Emerging-Issues.aspx>, to ensure you are using the most updated protocol.

## **AFB Room Supply Lists**

### **Suspect Ebola Virus Disease (EVD)/VHF Specimen Processing**

- Ensure blue biohazardous waste drum with lid, double lined with red bags and absorbent material is placed in the AFB Room whenever Ebola VD/VHF specimens are being processed (note: absorbent material should be at the base of bin, not inside the bags)
- NO LABELS are to be applied to the blue drum/bin until patient's results are known.
- Ensure instructions for use of BSC are available in AFB Room
- Refer to document: *Sample Processing Hematology Lab – EVD/VHF* document for hematology specific supplies

#### **General supplies required:**

- Specimen Handling Contact List - to be posted in TDG area of lab
- Waxed Cardboard waste bucket for BSC (double lined with autoclave bags)
- Rack to hold specimens – in BSC
- Labels for “Suspect Ebola VD/VHF” (pink) and “Inactivated”
- Sign: “Suspect Ebola VD/VHF Processing and Containment. DO NOT ENTER”
- Blue absorbent pads (to cover work surface on cart and in BSC)
- Twist ties
- EVD/VHF Hematology Supplies bin – plastic/metal bin to hold Hemocue, Piccolo Analyzer as well as related supplies. Bin labelled ‘EVD/VHF Hematology Supplies bin’)
- Protocols Required:
  - \*Ensure most current SOPs used: current versions stored on IPAC website - <http://ipac.vch.ca/Pages/Emerging-Issues.aspx>
    - Microbiology Procedure: *Microbiology - Ebola Virus Disease (EVD) /Viral Hemorrhagic Fevers (VHF) Processing Protocol*
    - Hematology Protocol: *Sample Processing Hematology Lab - Ebola Virus Disease or other Viral Hemorrhagic Fever (VHF)*
    - PPE Check List for VGH Laboratory Technologists (several copies): *“Donning and Doffing PPE Checklist for Viral Hemorrhagic Fever (VHF) Specimen Processing - for VGH Laboratory Technologists”*
    - *Suspect Ebola Virus Disease (EVD)/other Viral Hemorrhagic Fever Specimen Processing - Evacuation and Spill Cleanup Procedure: For spills outside the BSC*

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- Red biohazardous bags x 2 (for blue bin)
  - White labels with red edge x 2 - to label instruments
  - Sharpie pens (silver and black)
  - Absorbent doffing mats for floor
  - White board and pen
  - Baby monitor/intercom
  - Spill kit: absorbent pads, sponges, bags, ties, tongs, quarantine labels, ***'Evacuation and Spill Clean-Up'*** protocol
  - 2 x wipeable stools (one to place inside AFB room for doffing and one outside AFB room for donning) (optional)
  - Cart
  - Post-it notes
  - Pencils, pens
  - Sharps container – in BSC
  - Absorbent towels/paper towels
  - liquid disinfectant - Accel Five TB
  - disinfecting wipes – Accel INTERvention
  - Alcohol based hand rub (ABHR)
  - TDG containers with lids, biohazardous liners and absorbent material
  - Red folder labelled: ***'Ebola VD/VHF Requisitions and Shipping Documentation'*** – ***Store in TDG Goods area.*** - to store BCCDC Virology Requisitions and required shipping documents.

***The following supplies should be placed outside AFB Room:***

- Absorbent doffing mats for floor
- Barrier tape/masking tape
- Doffing kit for a spill requiring evacuation: should include donning/doffing checklists, PPE including impervious gowns, extended cuff gloves, disposable scrubs
- Double lined red biohazardous pails with lids and mallet
- Door sign: "Suspect Ebola VD/VHF Processing and Containment. DO NOT ENTER"
- Donning Protocol: PPE Check List for VGH Laboratory Technologists X 2 (one for each tech):  
*"Donning and Doffing PPE Checklist for Viral Hemorrhagic Fever (VHF) Specimen Processing - for VGH Laboratory Technologists"*
- PPE Supplies (refer to donning/doffing protocol):
  - disposable scrubs, impermeable gowns, impermeable hoods, face shields, bouffant caps, impermeable leg coverings, N95s, extended cuff gloves
- hair bands
- anti-fog spray for eye glasses
- wipeable stool – for donning PPE (optional)
- mirror (optional)

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- liquid disinfectant - Accel Five TB
  - disinfecting wipes – Accel INTERVention
  - Alcohol based hand rub (ABHR) -Microsan
  - Twist ties
  - Tissues
  - Pencils, pens

### **Supplies for further testing in the event of Positive Blood Culture:**

- Specimen Handling Contact List - to be posted in TDG area of lab
- EVD/VHF Positive Blood Culture Supplies bin – plastic or metal bin to hold supplies (bin should be labelled: ‘EVD/VHF Positive Blood Culture Supplies’)
- Blue biohazardous waste container with lid, absorbent material and double lined
- Door sign: “Suspect Ebola VD/VHF Processing and Containment. DO NOT ENTER”
- Dedicated heating block (95 degrees C)
- Pink Ebola VD/VHF stickers
- Coplin jar with fresh methanol (sufficient to cover entire slide)
- Frosted slides
- Slide case for carrying slides
- Frosted slides
- Blood culture venting unit
- Sharps container
- Waxed cardboard waste bucket (double lined with autoclave bags) – for BSC
- Culture media: BAP, chocolate, MAC, CNA, (Brucella)
- Plastic disposable loops
- Labels for “Suspect Ebola VD/VHF” (pink) and “Inactivated”
- Parafilm for sealing plates (cut to size)
- Rack for plates
- Biohazardous Ziploc bags
- Post it notes
- Anaerobic jar, gas pack and indicator (for B bottles only)
- Masking tape/barrier tape
- Pack of plastic loops
- liquid disinfectant - Accel Five TB
- disinfecting wipes – Accel INTERVention
- Alcohol based hand rub (ABHR)
- Absorbent towels/paper towels
- Absorbent mat for floor
- Routine lab gowns
- Extra gloves

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- TDG containers with lids, biohazard liners, absorbent material
  - Blue absorbent pads
  - Twist ties
  - Pencils
  - Sharpies (black and silver)
  
  - Protocols/checklists:
    - *VGH Laboratory Guidelines – Positive blood cultures from patients with suspect Ebola Virus Disease or other Viral Hemorrhagic Fevers*
    - *'Donning and Doffing PPE Checklist for Viral Hemorrhagic Fever (VHF) Specimen Processing - for VGH Laboratory Technologists'*
- (\*Ensure most current checklists used: current versions stored on IPAC website - <http://ipac.vch.ca/Pages/Emerging-Issues.aspx>)**

## Revision Log

All documents are developed by the regional microbiology technical specialist in collaboration with the regional medical discipline lead, the VGH medical microbiologists, the VGH technical supervisor and the VGH technical support technologist. The regional medical discipline lead approves all new documents and any major changes. Draft versions of the microbiology documents are circulated regionally for input from other resources as required.

Description of Change	Date of Revision	Reviewed By
Various updates and expanded supply lists	May 2019	Tracey Woznow Charlene Porter
Minor edits	Aug 2019	Gail Busto