

**Document Number: SASoM/EQUIP/086.v2****Title: Use and Maintenance of the Bassaire Laminar Flow Hood****Version: v2****Author: Peter Mullen**

Effective from:	07/03/19
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SOP History		
Number	Date	Reason for Change
v1	07/03/14	Original
V2	07/03/19	Update

1.0 Purpose –

The purpose of this SOP is to outline the principles of the routine use of the Bassaire Laminar Flow Cabinet in Laboratory 248 at the St Andrews School of Medicine (SASoM).

2.0 Scope –

This SOP applies to routine use and maintenance of the Bassaire Laminar Flow Cabinet within the SASoM.

3.0 Responsibilities –

It is the responsibility of all users of the Bassaire Laminar Flow Cabinet within the SASoM to comply with this SOP.

4.0 Procedure –



This cabinet is used for the routine preparation of PCR samples requiring a DNA/RNA-free environment.

To switch the cabinet on, Press both the Fan and Light buttons. An audible alarm will sound and the LOW AIR light flashes red until the air flow stabilises to the pre-set parameters. Once the cabinet has stabilised, a Green light illuminates in the AIRFLOW control bar in central position (M/S) to indicate that the fan has stabilised. The audible alarm will mute once the airflow has stabilised.

Although the audible alarm can be muted whilst the fan stabilises, the cabinet must NOT be used until the green light illuminates on the AIRFLOW bar.

It is advisable to have the cabinet running for ~1hour prior to using it. Before commencement of any work the cabinet must be wiped out using RNase Zap Wipes or spray solution.

Always work well within confines of cabinet. Press the FAN button to turn cabinet off at end of procedure. Wipe out thoroughly with 70% Ethanol.

5.0 Personal protection –

Howie coat and disposable gloves must be worn at all times.

6.0 Training –

All users have to be trained before using the Instrument by a designated person.

7.0 Related documents –

7.1 Equipment Manual - Bassaire A- Range Laminar Flow Cabinet



8.0 Approval and sign off –

Author:

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Position: Research Fellow

Signature: Date:

Management Approval:

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QA release by:

Name: Alex MacLellan

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Confidential

