

Radox MultiSTAT device quick reference guide

BEFORE YOU GET STARTED

1

Make sure you have:

- Barcode sheet
- A pipette (+ tips) or 1ml syringes
- InflamiSTRAT assay kits (1 cartridge per run)
- Accessory kit



Take a new cartridge out of the fridge and prep Adjuster 1 and 2 vials for Adjuster Run 1. Leave at room temperature for 30 minutes.

2

ADJUSTER RUN 1

Left well	Right well
250µl Adjuster 1	250µl Adjuster 2



The run will take 36 minutes. In the meantime, take a new cartridge out of the fridge and prep Adjuster 1 and 2 vials for Adjuster Run 2.

3

ADJUSTER RUN 2

Left well	Right well
250µl Adjuster 1	250µl Adjuster 2



The run will take 36 minutes. In the meantime, take a new cartridge out of the fridge and prep Control 1 and 2 vials for the Quality Control Run.

4

QUALITY CONTROL RUN (QC)

Left well	Right well
250µl Control 1	250µl Control 2



The run will take 36 minutes. Once complete, the device is calibrated and ready to use for a PANTHER participant.

P

PARTICIPANT SAMPLE RUN

To run a participant sample, make sure you have:

- 4ml Lithium Heparin (green top) tube for collecting a whole blood sample
- New InflamiSTRAT assay kit
- Ice
- Access to a centrifuge
- Pasteur pipette
- 1ml cryovial tube
- Red top tube
- Pipette (+tips) or 1ml syringes

Left well	Right well
250µl plasma	250µl plasma



R

RESULTS

Take note of the time and the IL-6 and sTNFR1 results - they will be used to randomise this patient into the PANTHER trial. Destroy any remaining blood/plasma.

- **Steps 1-4** (calibration) are required every 28 days or when a new batch of kits is received
- **Step 4** (QC) required on the fortnight in between calibration

EXAMPLE MONTH

1	Cal	3	4	5	6	7
8	9	10	11	12	13	14
15	QC	17	18	19	20	21
22	23	24	25	26	27	28
29	Cal	31				

For full instructions check the PANTHER Device Manual and/or InflamiSTRAT EV4578 Instructions for Use (IFU).



QR code for animated video guide