

## Platelet Factor 4 IgG Assay

### Appendix E

#### HPF4 Z-Read on the DSX

##### Power on the instrument:

1. Lift instrument cover and insert RED key into the slot on the right side lid hinge
2. Turn computer power on
3. Turn power on the DSX using the toggle switch on the right lower side of the instrument
4. Start the DSX software by clicking "Revelation" Icon
5. Select "Connect to DSX" and click "DO IT"
6. Verify that all Self-tests pass

##### Create a worklist:

1. Select File > New from the menu bar
2. Select Worklist from the displayed section dialog box. The Sample Batch Selection dialog box is displayed
3. Select Add assays using a new batch of samples > Click OK. The Edit Worklist dialog box is displayed
4. Click New Plate to display a dialog box for selecting an assay
5. Select the "Zreadhp4.asy" assay > Open
6. To order that assay on a sample(s), highlight the sample row(s) in the column labeled Test. A check mark appears
7. The Z-Read for HPF4 assay on the DSX automatically includes one well for Blank. Click and drag the amount of wells to be read on your completed HPF4 plate minus one for the Blank. (Example: you will need 7 check marks if you are reading a plate with one patient)
8. Click the Auto Assign Sample IDs button > Click OK

##### Run Z-read for completed HPF4 plate:

1. Click the Play button > Fast Forward
2. A Lot Specific Data and Runtime Variable Entry box will appear. Click the green check mark
3. When the Load Sample Caddy dialog box appears, click the green check mark again
4. Place the completed HPF4 microplate in the plate drawer in the position shown
5. Enter the microplate ID using assay and date (Example: HPF4121517) in the Plate Identifier box and click the green check mark. Your completed HPF4 plate will now read
6. When finished, click the Stop button. Remove your plate and then click the blue up arrow to display your results
7. Select File > Print
8. Calculate the average (mean) of your duplicate sample wells and record those results on your HPF4 worklist

##### Power off the instrument:

1. Click the "Drawer In" icon and close the DSX software
2. Remove the RED key from the right side of the instrument
3. Shut down the computer and power off the DSX using the toggle switch on the right lower side of the instrument
4. Lower the instrument cover

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