

DCTD Division of Cancer Treatment and Diagnosis

PAR Immunoassay Quality Control & Trouble Shooting Guide

SOP340505 – PAR IMMUNOASSAY

1. Importing PAR analysis data into the Data Analysis Macro when using a non-Tecan instrument.

The Data Analysis Macro is designed to use data from a Microsoft Excel spreadsheet. Three formatting requirements are needed for the Data Analysis Macro to process the plate data.

1. The symbol "<>" must be in the top left corner of data set; cell A1.
2. The Excel sheet must be named "Magellan Sheet 1".
3. The data set must be formatted as seen in the figure below plate row information in row 1 and plate column information in column A; all sample data are contained within cells B2 to M9.

For ease of use, save an Excel template with these formatting requirements in place. Then copy the data from any plate reader readout and paste into the yellow highlighted area (cells B2 through M9) before running the Data Analysis Macro.

When the Copy Data button is selected in the PAR Analysis Template (SOP Step 10.4 and Appendix 5 Step 2) select this file to import into the Macro.

The symbols "<>" must be in cell A1.

The Excel sheet name must be "Magellan Sheet 1"

	A	B	C	D	E	F	G	H	I	J	K	L	M
1	<>	1	2	3	4	5	6	7	8	9	10	11	12
2	A	6241500	5404700	4818400	4560700	4782800	4824400	4993900	5091900	5063300	5028800	4854600	5266600
3	B	6295400	5718900	21972000	16964000	5699700	4240000	4083700	4232700	4432000	4244700	4271000	4618200
4	C	7440400	6392200	22119000	16570000	5803600	4649000	4630200	4610200	4630000	4402000	4347900	4303300
5	D	10016000	8557900	21581000	14849000	5834300	4857500	4993600	4984800	4707500	4633300	4489400	4425800
6	E	14401000	12527000	17644000	5934800	4623500	4955200	5057600	4896500	4527600	4716000	4586200	4543700
7	F	24773000	24056000	17631000	6045200	4474500	4856200	4918100	4767600	4568100	4506400	4225300	5148100
8	G	42583000	41933000	18303000	5837400	4380500	4676300	4526400	4457300	4464500	4604700	4501700	5321200
9	H	72695000	72326000	8396100	8615300	8373800	26396000	25952000	26300000	83494000	71069000	80457000	5500700

SOP340520 – BIOPSY SPECIMEN PROCESSING

There are currently no Quality Control or Trouble Shooting issues for this SOP.

SOP340521 – PBMC SPECIMEN PROCESSING

There are currently no Quality Control or Trouble Shooting issues for this SOP.