

**Malindi District Hospital**  
**MULTISET™ Physician Report**

Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	NC	Software	MultiSET V3.0.1
Sample ID	--	Cytometer	FACSCalibur
Case Number	--	Date Acquired	2013-09-23
AGE	0.00	Date Analyzed	2013-09-23
SEX	--	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	69.65		55%-----▲-----84%
T Lymphs(CD3+)Abs Cnt		967.26	690--▲-----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	45.21		31%-----▲-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		627.89	410--▲-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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Comments

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**Malindi**  
**MULTISET™ Physician Report**

Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	LILIAN AKINYI	Software	MultiSET V3.0.1
Sample ID	1	Cytometer	FACSCalibur
Case Number	8533	Date Acquired	2013-09-23
AGE	22.00	Date Analyzed	2013-09-23
SEX	F	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	71.63		55%-----▲-----84%
T Lymphs(CD3+)Abs Cnt		1024.58	690--▲-----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	26.15		▲ 31%-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		374.12	▲ 410-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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Comments

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**Malindi**  
**MULTISET™ Physician Report**

Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	REBECCA JONATHAN	Software	MultiSET V3.0.1
Sample ID	2	Cytometer	FACSCalibur
Case Number	2833	Date Acquired	2013-09-23
AGE	12.00	Date Analyzed	2013-09-23
SEX	F	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	73.74		55%-----▲-----84%
T Lymphs(CD3+)Abs Cnt		1554.47	690-----▲-----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	39.64		31%-----▲-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		835.55	410-----▲-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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Comments

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**Malindi**  
**MULTISET™ Physician Report**

Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	BERNAD MWALIMU	Software	MultiSET V3.0.1
Sample ID	3	Cytometer	FACSCalibur
Case Number	2402	Date Acquired	2013-09-23
AGE	14.00	Date Analyzed	2013-09-23
SEX	M	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	62.29		55%---▲-----84%
T Lymphs(CD3+)Abs Cnt		1862.51	690-----▲-----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	30.76		▲ 31%-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		919.79	410-----▲-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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Comments

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**Malindi**  
**MULTISET™ Physician Report**

Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	JOHN MUGO	Software	MultiSET V3.0.1
Sample ID	5	Cytometer	FACSCalibur
Case Number	6464	Date Acquired	2013-09-23
AGE	57.00	Date Analyzed	2013-09-23
SEX	M	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	73.44		55%-----▲-----84%
T Lymphs(CD3+)Abs Cnt		1282.52	690-----▲-----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	9.67		▲ 31%-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		168.82	▲ 410-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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Comments

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**MULTISET™ Physician Report**

Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	DAVID MAUKU	Software	MultiSET V3.0.1
Sample ID	6	Cytometer	FACSCalibur
Case Number	6600	Date Acquired	2013-09-23
AGE	40.00	Date Analyzed	2013-09-23
SEX	M	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	90.68		55%-----84% ▲
T Lymphs(CD3+)Abs Cnt		972.70	690--▲-----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	39.88		31%-----60% ▲
T Helper Lymphs(CD3+CD4+/CD45+)		427.85	410-▲-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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Comments

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**MULTISET™ Physician Report**

Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	MWATUM ATHMAN	Software	MultiSET V3.0.1
Sample ID	7	Cytometer	FACSCalibur
Case Number	4815	Date Acquired	2013-09-23
AGE	30.00	Date Analyzed	2013-09-23
SEX	F	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	85.42		55%-----84% ▲
T Lymphs(CD3+)Abs Cnt		1738.26	690-----▲-----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	15.07		▲ 31%-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		306.63	▲ 410-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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**MULTISET™ Physician Report**

Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	DAMA WANJE	Software	MultiSET V3.0.1
Sample ID	8	Cytometer	FACSCalibur
Case Number	7296	Date Acquired	2013-09-23
AGE	34.00	Date Analyzed	2013-09-23
SEX	F	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	80.04		55%-----▲----84%
T Lymphs(CD3+)Abs Cnt		1994.90	690-----▲----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	19.23		▲ 31%-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		479.36	410-▲-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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Comments

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**Malindi**  
**MULTISET™ Physician Report**

Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	JUDITH ATIENO	Software	MultiSET V3.0.1
Sample ID	10	Cytometer	FACSCalibur
Case Number	8559	Date Acquired	2013-09-23
AGE	36.00	Date Analyzed	2013-09-23
SEX	F	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	81.68		55%-----▲--84%
T Lymphs(CD3+)Abs Cnt		1526.00	690-----▲-----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	20.84		▲ 31%-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		389.33	▲ 410-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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Comments

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**Malindi**  
**MULTISET™ Physician Report**

Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	PETER SAFARI	Software	MultiSET V3.0.1
Sample ID	11	Cytometer	FACSCalibur
Case Number	8560	Date Acquired	2013-09-23
AGE	40.00	Date Analyzed	2013-09-23
SEX	M	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	52.64		▲ 55%-----84%
T Lymphs(CD3+)Abs Cnt		336.44	▲ 690-----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	0.17		▲ 31%-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		1.09	▲ 410-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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**MULTISET™ Physician Report**

Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	AGNES KENGA	Software	MultiSET V3.0.1
Sample ID	12	Cytometer	FACSCalibur
Case Number	2802	Date Acquired	2013-09-23
AGE	44.00	Date Analyzed	2013-09-23
SEX	F	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	57.40		55%-▲-----84%
T Lymphs(CD3+)Abs Cnt		1262.61	690-----▲-----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	31.02		31%-▲-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		682.39	410-----▲-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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**MULTISET™ Physician Report**

Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	SAUMU MARO	Software	MultiSET V3.0.1
Sample ID	13	Cytometer	FACSCalibur
Case Number	8555	Date Acquired	2013-09-23
AGE	24.00	Date Analyzed	2013-09-23
SEX	F	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	73.03		55%-----▲-----84%
T Lymphs(CD3+)Abs Cnt		413.82	▲ 690-----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	0.80		▲ 31%-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		4.51	▲ 410-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	ASMAN WANYAMA	Software	MultiSET V3.0.1
Sample ID	14	Cytometer	FACSCalibur
Case Number	7093	Date Acquired	2013-09-23
AGE	48.00	Date Analyzed	2013-09-23
SEX	M	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	63.77		55%---▲-----84%
T Lymphs(CD3+)Abs Cnt		552.36	▲ 690-----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	32.34		31%-▲-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		280.09	▲ 410-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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Comments

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Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	BARKE OMAR	Software	MultiSET V3.0.1
Sample ID	15	Cytometer	FACSCalibur
Case Number	6657	Date Acquired	2013-09-23
AGE	27.00	Date Analyzed	2013-09-23
SEX	F	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	70.34		55%-----▲-----84%
T Lymphs(CD3+)Abs Cnt		1065.35	690--▲-----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	19.72		▲ 31%-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		298.68	▲ 410-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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Comments

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**Malindi**  
**MULTISET™ Physician Report**

Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	KAHINDI NGALLA	Software	MultiSET V3.0.1
Sample ID	16	Cytometer	FACSCalibur
Case Number	4278	Date Acquired	2013-09-23
AGE	22.00	Date Analyzed	2013-09-23
SEX	F	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	81.67		55%-----▲--84%
T Lymphs(CD3+)Abs Cnt		2081.33	690-----▲----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	20.50		▲ 31%-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		522.34	410-▲-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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Comments

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**Malindi**  
**MULTISET™ Physician Report**

Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	BAHATI MLANDA	Software	MultiSET V3.0.1
Sample ID	18	Cytometer	FACSCalibur
Case Number	6778	Date Acquired	2013-09-23
AGE	23.00	Date Analyzed	2013-09-23
SEX	F	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	82.65		55%-----▲--84%
T Lymphs(CD3+)Abs Cnt		891.17	690-▲-----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	21.55		▲ 31%-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		232.38	▲ 410-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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Comments

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**Malindi**  
**MULTISET™ Physician Report**

Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	HAMISI IDD	Software	MultiSET V3.0.1
Sample ID	20	Cytometer	FACSCalibur
Case Number	4894	Date Acquired	2013-09-23
AGE	59.00	Date Analyzed	2013-09-23
SEX	M	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	69.69		55%-----▲-----84%
T Lymphs(CD3+)Abs Cnt		1301.80	690-----▲-----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	12.12		▲ 31%-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		226.46	▲ 410-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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Comments

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**Malindi**  
**MULTISET™ Physician Report**

Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	KADZO KATANA	Software	MultiSET V3.0.1
Sample ID	21	Cytometer	FACSCalibur
Case Number	5933	Date Acquired	2013-09-23
AGE	28.00	Date Analyzed	2013-09-23
SEX	F	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	79.47		55%-----▲----84%
T Lymphs(CD3+)Abs Cnt		1585.13	690-----▲-----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	31.94		31%-▲-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		637.14	410--▲-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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Comments

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**Malindi**  
**MULTISET™ Physician Report**

Director	Juma Mangi	SITE	11555
Operator	kirimo	Panel Name	MALINDI/3/4/45
Sample Name	ROSE KINGI	Software	MultiSET V3.0.1
Sample ID	24	Cytometer	FACSCalibur
Case Number	5551	Date Acquired	2013-09-23
AGE	16.00	Date Analyzed	2013-09-23
SEX	F	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	66.17		55%-----▲-----84%
T Lymphs(CD3+)Abs Cnt		584.07	▲ 690-----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	2.66		▲ 31%-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		23.46	▲ 410-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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Comments

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**Malindi**  
**MULTISET™ Physician Report**

Director	Juma Mangi	SITE	11555
Operator	KIRIMO	Panel Name	MALINDI/3/4/45
Sample Name	VC	Software	MultiSET V3.0.1
Sample ID	30	Cytometer	FACSCalibur
Case Number	4017	Date Acquired	2013-09-23
AGE	5.00	Date Analyzed	2013-09-23
SEX	M	Reference Range Type	BD

Result Name	% Ratio	Abs Cnt (cells/mm <sup>3</sup> )	Reference Range
T Lymphs % of Lymphs(CD3+/CD45+)	71.33		55%-----▲-----84%
T Lymphs(CD3+)Abs Cnt		2021.71	690-----▲-----2540
T Helper % of Lymphs(CD3+CD4+)Abs Cnt	30.75		▲ 31%-----60%
T Helper Lymphs(CD3+CD4+/CD45+)		871.43	410-----▲-----1590
Lymphocyte (CD45+)Abs Cnt*			

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**Multi-Tube QC**

T Helper/Suppressor Ratio: 0.00

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Comments

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