































XE5000 LINEARITY - SYNOVIAL FLUID				
	XE5000	EXPECTED	XE5000	EXPECTED
DILUTION	nucleated cells		RBC	
0	5901	5901	1445000	1445000
2 4 8 16 32 64 128 256 512 1024	3015	2950.5	749000	722500
	1631	1507.5	384000	374500
	809	815.5	191000	192000
	411	404.5	97000	95500
	213	205.5	50000	48500
	107	106.5	27000	25000
	56	53.5	14000	13500
	29	28	7000	7000
	11	14.5	4000	3500
	6	5.5	2000	2000
2048	3	3	1000	1000
4096	1	1.5	1000	500
CORR	1.0		1.0	
SLOPE	1.0		1.0	

















l Sigi	nificance of E	Body F
Body Fluid Type	WBC	RBC
CSF	Adults: 0-5 mononuclear cells/µL Children: 0-30 mononuclear cells/µL*	Limited diagnosti value
Peritoneal fluid	>500/mL	NA
Pleural fluid	WBC have limited value	>10,000/ul
Synovial fluid	Up to 200/µL Gp 1: Noninflammatory 200-3000/µL Gp 2: Inflammatory 3000-75,000/µL Gp 3: Infectious 50,000-200,000/µL Gp 4:Crystal associated 500-200,000/µL	NA
Lavage (Peritoneal)	>500/mL	>10,000/ul
*Children hav of life and les <b>Source:</b> <u>Bod</u>	e intermediate leukocyte values, less thar s than 10/μL until adolescence. <u>y Fluids</u> Kjeldsberg, C. Third Edition, 199	n 20/µL the first year 3.





	XF-Series & XT-Series	Systiles AL-5000
VBC-BF	N/A	0.000 – 10.000 x 10 <sup>3</sup> /µL*
C-BF	> = 0.050 x 10 <sup>3</sup> /µL	0.000 – 10.000 x 10 <sup>3</sup> /µL*
BC	$> = 0.01 \times 10^{6}/\mu$ L	0.000 - 5.000 x 10 <sup>6</sup> /µL**





























































KE-5000 - [Data Browser]			
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Sample No. 🖡	T329308 Birth	Ward	Date 02/17/2009
Pat. ID	Sex	Dr.	Time [15:30
Name		Comment	
Service HPC Research (W) Re	esearch(R) Research(P	) Body Fluid Resear	ch(BF) Add Tab Add Tab
	Research Para	meters	
WBC	-		DIFF
Item Data Unit	Item Dat	a Unit	
WBC-BF 3.482 10/3/UL	HF-BF# 2.5	16 10/3/uL	
1	HF-BF% 72	2.3 /100wBC	
RBC			
Ttom Data Unit	Flag		100 Mar 200 Mar 200
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1.000 bi 0.0005 (10.00)			
WBC Differential			2 L 199
Item Data Unit			
MN# 2.939 10^3/	uL		
PMN# 0.543 10/3/	uL		SSC
MN% 84.4 %			BRC
PMN%   15.0   %			
Measurement Parameter			M
Item Data Unit			
TC-BF# 5.998 10^3/	uL		m
			250 fL
wrtu			HOST(H
			ETO 21 (E)























Image: Sample No.       H378890 Birth       Ward       Date [037]         Sample No.       H378890 Birth       Ward       Date [037]         Pat. 10       Sex       Dr.       Time [14: Name         REC       Name       Comment         WSC-BF       0.033       10/3/uL         PREC       Item Data Unit MN#       Unit         WSC-BF       0.031       10/3/uL         WSC-BF       0.001       10/3/uL         WSC-BF       0.003       10/3/uL         WSC-BF       0.001       10/3/uL         WSC-BF       0.001       10/3/uL         WSC       Item Data Unit MN#       Unit         MM#       0.000       10/3/uL         WSC       Item Data Unit MN#       Name         MM#       0.000       10/3/uL         MM#       0.00       %         MM#       0.00       %         Measurement Parameter       Masurement Parameter         Tem Data       Unit       Noit	000 - [Data Browser] Edit View Record Action R	eport Setting Window H	leip		
Sample No. H378890 Birth Ward Date 03/ Pat. ID Sex Dr. Time [4: Name Comment C/PLT Cumulative Q-Flags Service HPC Research(W) Research(R) Research(P) Body Fluid R Measurement Parameters MBC Item Data Unit WBC-DFF 0.033 10A3/UL RBC RBC Item Data Unit Item Data Unit MM# 0.033 10A3/UL PMN# 0.000 10A3/UL MM% 100.0 % Measurement Parameter Measurement Parameter Measurement Parameter Item Data Unit	save H-Copy p operity	nienu QC work li	st explorer browser	Manual delete Upper Lower	lest20 validate pending
Pat. ID       Sex       Dr.       Time [[4:         Name       Comment       Comment         :/PLT Cumulative Q-Flags Service   HPC       Research(W) Research(R) Research(P) Body Fluid R         Measurement Parameters       Flag         WBC       Item Data Unit         RBC       RBC         WBC Differential       Unit         MM#       0.033       10A3/uL         MM#       0.033       10A3/uL         MM%       100.0       %         MN%       0.0       %         Measurement Parameter       Item Data Unit	Sample No	. 🖬 нз	78890 Birth	Ward	Date 03/12/2
Name       Comment         I/PLT       Cumulative       Q-Flags       Service       HPC       Research(W)       Research(R)       Research(P)       Body Fluid       R         Measurement       Parameters       Flag       Flag       DIFF       Iffe       Iffe<	Pat. I		Sex	Dr.	
Image: Provide and the provided and the pro	Nam	e [		Comment	
Measurement Parameters       Flag         WBC       Item Data Unit         RBC       Item Data Unit         RBC-BF 0.033 10A3/UL       RBC-BF 0.001 10A6/UL         WEC Differentia1       Item Data Unit         Item Data Unit       Item Data Unit         MM# 0.033 10A3/UL       RBC-BF 0.000 10A3/UL         MN% 100.0 %       RBC         MN% 0.00 10A3/UL       RBC         Measurement Parameter       Item Data Unit	/PLT Cumulative	Q-Flags Servio	e HPC  Researc	h(W) Research(R) R	esearch(P) Body Fluid Resea
Item         Data         Unit           WBC-BF         0.033         10/3/uL           RBC         Item         Data         Unit           RBC-BF         0.001         10/6/uL           WBC Differentia1         Item         Data         Unit           MN#         0.033         10/3/uL           MN#         0.000         10/3/uL           MN%         100.0         %           Measurement Parameter         Ttem         Data	Measurement Para WBC	meters	Flag		DIFF
WEC-BF         0.033         10/3/UL           RBC         Item         Data         Unit           WBC Differentia1         Item         Data         Unit           MN#         0.033         10/3/UL         PNN#         0.000           MW%         00.0         0%         PNN%         0.0         %           Measurement Parameter         Item         Data         Unit         PNIt         PNIt<	Item Data	Unit			5
Item       Data       Unit         WBC Differentia1       Item       Data       Unit         MM#       0.033       10/3/uL         MM#       0.000       10/3/uL         MN%       0.0       %         MN%       0.0       %         Measurement Parameter       Item       Data       Unit	WBC-BF 0.03	3 10^3/uL			
Item       Data       Unit         RBC-BF       0.001       10A6/uL         wBC Differentia1       Item       Data       Unit         MM#       0.033       10A3/uL       PMN#       0.000       10A3/uL         MM%       0.0.0       10A3/uL       PMN%       0.0       %         Measurement Parameter       Ttem       Data       Unit       PMI					
Item         Data         Unit           RBC-BF         0.001         10A6/uL           wBC Differentia1         Item         Data         Unit           MM#         0.033         10A3/uL         PMN#         0.000         10A3/uL           MM%         0.00.0         %         RBC         RBC	RBC				
RBC-BF     0.001     10A6/uL       wBC Differentia1     Item Data Unit       MM#     0.033     10A3/uL       PMN#     0.000     10A3/uL       MM%     0.0.0     %       MN%     0.0     %	Item Data	Unit			
WEC Differential           Item Data Unit           MM# 0.033 10/3/uL           MN# 0.000 10/3/uL           MN% 100.0 %           MN% 0.0 %           MN% 0.0 %           Measurement Parameter           Item Data Unit	RBC-BF 0.00	1 10^6/uL			- de
Item     Data     Unit       MN#     0.033     10^3/uL       PMN#     0.000     10/3/uL       MN%     100.0     %       PMN%     0.0     %	WBC Differentia	1			
MN#         0.033         10/3/uL           PMN#         0.000         10/3/uL           MN%         100.0         %           PMN%         0.0         %	Item Data	Unit			
PMN#         0.000         10/3/uL           MN%         100.0         %           PMN%         0.0         %   RBC           Measurement Parameter         Item         Data         Unit	MN# 0.03	13 10A3/uL			
MN% 100.0 % PMN% 0.0 % Measurement Parameter	PMN# 0.00	10 10/3/uL			SSC
Measurement Parameter	MN% 100.	0 %			BBC
Measurement Parameter	JPMIN/6 0.	V / //			
Item Data Unit	Measurement Para	meter			
	Item Data	Unit			
TC-BF# 0.034 10^3/uL	TC-BF# 0.03	4 10^3/uL			
					Lunnan











