Laboratory Staff Meeting
Location: Laboratory – Core Laboratory
20 July 2016, 11:15 – 11:45

STANTON TERRITORIAL HEALTH AUTHORITY

1. **LIS (April):**
   a. **STAT microbiology samples for ER/ICU:**
      i. Please change priority from "STAT" to "ROUTINE" unless the requisition indicates they request it "STAT"; examples of STATs: CSF & some Body Fluids
      ii. This will eliminate several report prints that appear to be confusing ER/ICU staff
      iii. Microbiology should cross reference their pending list and change the priority of samples accidentally entered as STAT
   b. **Partial Posting:**
      i. Available in Instrument Menu for the Advia only. Useful for STAT samples that require a manual review
      ii. This will release a preliminary report on: WBC Count, RBC Count and Indices, Platelet Count and indices
      iii. Manual morphology and DIFF parameters can still be resulted and will print on a final report
      iv. See attached information from the LIS team

2. **Holiday (Christmastime) Party:**
   a. We expect to have a party with Diagnostic Imaging and perhaps Respiratory Therapy
   b. Jen and Cynthia have been discussing so if you have any suggestions talk to either of them
   c. Whitney will confirm whether Nikki Tews has already booked the Black Night

3. **Staffing:**
   a. Welcome to Jean (Elsie) Borden – 1 year Core MLT
   b. Joanne Murray – Indeterminate Relief MLA
   c. Farewell to Sarah Asmussen as Manager of Diagnostics on August 5th. She has accepted a position back in her native Australia. There has been no word from Senior Management about a replacement.

4. **Active Offer – Training/Audits:**
   a. Training this and next week is being offered first to MLA's
   b. Audits will begin July 27th at YPCC Lab and will continue throughout the outpatient areas.

5. **Medical Travel Patients with Escorts:**
   a. An incident occurred recently at YPCC lab where an elderly patient with dementia was abandoned by their escort. When an escort/guardian abandons their patient we must call the Medical Travel Officer who can work to find an alternate. Please call 669-4115

6. **Microbiology has begun testing all community samples except TB.**

7. **Ortho Clinical Diagnostics** account manager Kyle Wigglesworth will be leaving his job. No word on who will take over. If needed we must call the 1-800 technical service line.

8. **Jennifer's Holiday:**
   a. Friday July 22nd to August 3rd.
   b. Sarah will be available for all OT requests, purchase order approval, etc.
   c. MLT's should be approached before Sarah.
   d. Please have your pay details into Ormed by noon Thursday July 21st for approval.

9. **Isoton for Ultrasound:**
   a. Ultrasound will not be taking the Biohazard Training so they will be calling in advance for us to provide Isoton. If you take this call please pass it back to Hematology for the MLT to take care of.
   b. Jennifer has advised Ultrasound that they should inquire into alternate sources of Isoton because when the lab replaces the AcT Diff 2 we will no longer carry Isoton.

10. **Meeting Minutes will be shared amongst all MLT II's.**

11. **Roundtable:**
   a. Mike:
      i. Freezer is in defrost, review SoftComm for more details
      ii. Hematology Working Group will be created for Advia replacement; review SoftComm for more details
   b. Elwood:
      i. A new order will be placed for zip up hoodies; see him for more details
      ii. With the main centrifuge down for repairs MLA's have been asked to spin urine samples. Spun UACRR samples should be marked with an S to indicate so.
   c. Jennifer:
      i. There are a few last minute schedule changes for August. Please review.
   d. Holly:
      i. Nursing staff have been dropping inpatient bloodwork off at the outpatient desk.
      ii. Jen will follow up with the CC's to ensure this does not happen
   e. Amy:
      i. She has an accommodation where she will not be able to perform 0700 rounds. If she is scheduled on the shift she will need someone else to perform those duties

MWA 20JUL2016

Northwest Territories

SCC-LIS_TIP OF THE WEEK

MODULE: SoftLab	**SOFTWARE VERSIONS:** 4.0.4.8
TOPIC: Partial Posting	**ISSUE DATE:** 15 January 2016
Distribution: END USERS_CORE LAB	**Page:** 1 of 1
Issued by: April Darrach, Territorial LIS Administrator	

TOPIC/QUESTION:

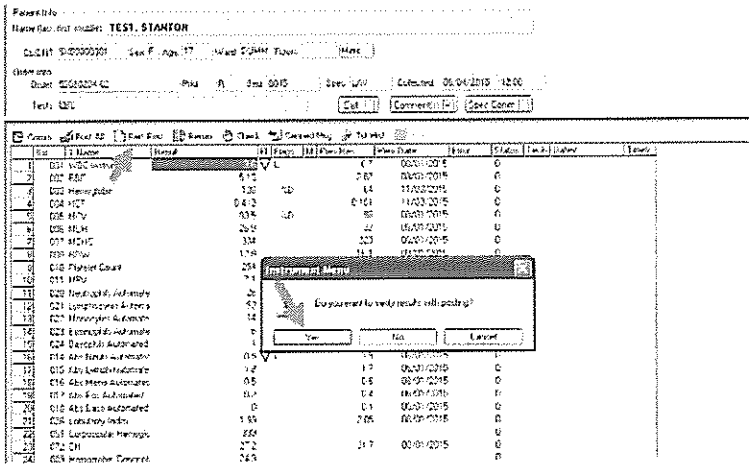
What is partial posting and for what tests can it be used for?

ANSWER/TIP:

- Think of Partial Posting as partial verification
- Used for CBCs when a manual differential is flagged – allows for the release of red cell indices while waiting on the results of the manual differential

STEPS:

1. CBC is ordered and run on the analyzer
2. A manual differential is flagged
3. In Instrument Menu → Hit "Partial Post"



4. The WBC indices of the automated differential are NOT verified but the other tests are

	T Ord	T Name	Result	Fl	Flags	M	Prev Res	Prev Date	C	Status	Tech	DateV	TimeV
1	CBC	WBC Instrument	3.6	▽	L		6.7	08/01/2015		LC D PV	ALD	08/04/2015	14:08
2	MDIFF	WBC Corrected for NRBC's	3.6	▽	L		6.7	08/01/2015	c	LC			
3	CBC	Neutrophils Automated	26				59	08/01/2015		LC D P	ALD	08/04/2015	14:08
4	CBC	Lymphocytes Automated	53				25	08/01/2015		LC D P	ALD	08/04/2015	14:08
5	CBC	Monocytes Automated	14				9	08/01/2015		LC D P	ALD	08/04/2015	14:08
6	CBC	Eosinophils Automated	6				6	08/01/2015		LC D P	ALD	08/04/2015	14:08
7	CBC	Basophils Automated	1				1	08/01/2015		LC D P	ALD	08/04/2015	14:08
8	CBC	Abs Neuts Automated	0.9	▽	L		3.9	08/01/2015		LC D P	ALD	08/04/2015	14:08
9	CBC	Abs Lymph Automated	1.8				1.7	08/01/2015		LC D P	ALD	08/04/2015	14:08
10	CBC	Abs Mono Automated	0.5				0.6	08/01/2015		LC D P	ALD	08/04/2015	14:08
11	CBC	Abs Eos Automated	0.2				0.4	08/01/2015		LC D P	ALD	08/04/2015	14:08
12	CBC	Abs Baso Automated	0.0				0.1	08/01/2015		LC D P	ALD	08/04/2015	14:08
13	CBC	RBC	5.13				2.82	08/01/2015		LC D PV	ALD	08/04/2015	14:08
14	CBC	Hemoglobin	138		%D		64	11/03/2015		LC D PV	ALD	08/04/2015	14:08
15	CBC	HCT	0.413				0.181	11/03/2015		LC D PV	ALD	08/04/2015	14:08
16	CBC	MCV	81		%D		99	08/01/2015		LC D PV	ALD	08/04/2015	14:08
17	CBC	MCH	27				32	08/01/2015		LC D PV	ALD	08/04/2015	14:08
18	CBC	MCHC	334				323	08/01/2015		LC D PV	ALD	08/04/2015	14:08
19	CBC	RDW	12.9				16.1	08/01/2015		LC D PV	ALD	08/04/2015	14:08
20	CBC	Platelet Count	254				206	08/01/2015		LC D PV	ALD	08/04/2015	14:08

5. Go in and perform your manual differential
    a. Verify those results with no correction to the other white cell indices

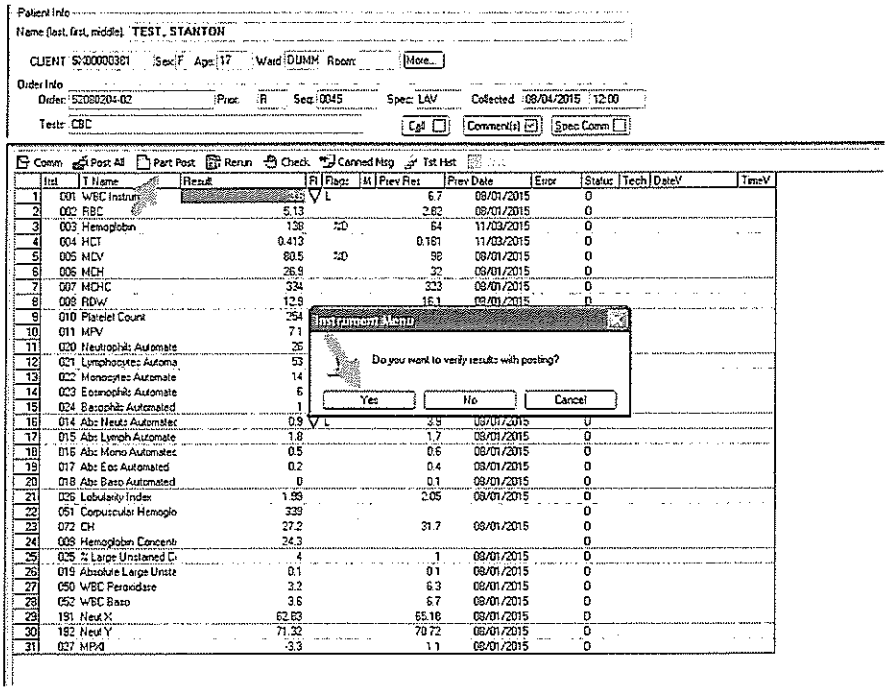
Congratulations → you are done!

Partial Posting: an Overview

- Think of Partial Posting as partial verification
- In the instrument interface, those tests with "N" in the P column (partial post) will NOT be verified at the same time as the other tests
- Used primarily for CBCs when a manual differential is flagged – so you can release the other tests but not the automated differential tests without generating a corrected result

How to use:

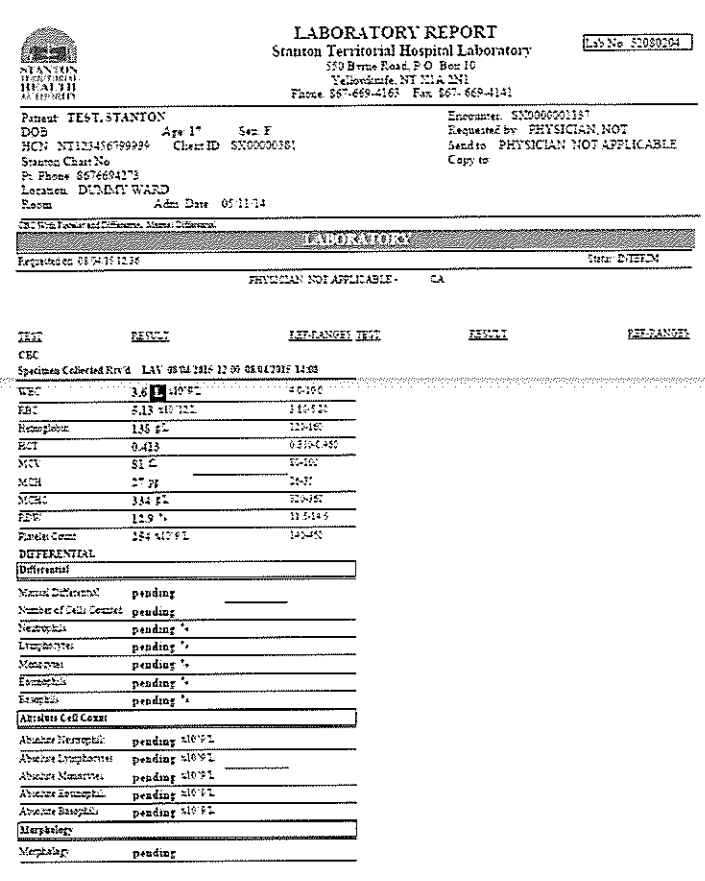
1. A CBC is ordered and run
2. A manual differential is flagged
3. You go into the order in Instrument Menu and Hit "Partial Post"



4. You can see the WBC indices of the automated diff are NOT verified but the other tests are

	T Ord	T Name	Result	Fl	Flags	M	Prev Res	Prev Date	C	Status	Tech	DateV	TimeV
1	CBC	WBC Instrument	3.6	▽	L		6.7	08/01/2015		LCDPV	ALD	08/04/2015	14:08
2	MDIFF	WBC Corrected for NRBCs	3.6	▽	L		6.7	08/01/2015	c	LC			
3	CBC	Neutrophils Automated	26				59	08/01/2015		LCDP	ALD	08/04/2015	14:08
4	CBC	Lymphocytes Automated	53				25	08/01/2015		LCDP	ALD	08/04/2015	14:08
5	CBC	Monocytes Automated	14				9	08/01/2015		LCDP	ALD	08/04/2015	14:08
6	CBC	Eosinophils Automated	6				6	08/01/2015		LCDP	ALD	08/04/2015	14:08
7	CBC	Basophils Automated	1				1	08/01/2015		LCDP	ALD	08/04/2015	14:08
8	CBC	Abs Neuts Automated	0.9	▽	L		3.9	08/01/2015		LCDP	ALD	08/04/2015	14:08
9	CBC	Abs Lymph Automated	1.8				1.7	08/01/2015		LCDP	ALD	08/04/2015	14:08
10	CBC	Abs Mono Automated	0.5				0.6	08/01/2015		LCDP	ALD	08/04/2015	14:08
11	CBC	Abs Eos Automated	0.2				0.4	08/01/2015		LCDP	ALD	08/04/2015	14:08
12	CBC	Abs Baso Automated	0.0				0.1	08/01/2015		LCDP	ALD	08/04/2015	14:08
13	CBC	RBC	5.13				2.82	08/01/2015		LCDPV	ALD	08/04/2015	14:08
14	CBC	Hemoglobin	138		D		64	11/03/2015		LCDPV	ALD	08/04/2015	14:08
15	CBC	HCT	0.413				0.181	11/03/2015		LCDPV	ALD	08/04/2015	14:08
16	CBC	MCV	81		D		93	08/01/2015		LCDPV	ALD	08/04/2015	14:08
17	CBC	MCH	27				32	08/01/2015		LCDPV	ALD	08/04/2015	14:08
18	CBC	MCHC	334				323	08/01/2015		LCDPV	ALD	08/04/2015	14:08
19	CBC	RDW	12.9				16.1	08/01/2015		LCDPV	ALD	08/04/2015	14:08
20	CBC	Platelet Count	254				206	08/01/2015		LCDPV	ALD	08/04/2015	14:08
21	MDIFF	Platelet Slide Review								LC			
22	CBC	MPV	7				8	08/01/2015		LCDPV	ALD	08/04/2015	14:08
23	MDIFF	Monoblasts								LC			
24	MDIFF	Myeloblasts								LC			
25	MDIFF	Promonocyte								LC			
26	MDIFF	Prolymphocyte								LC			
27	MDIFF	Lymphoblast								LC			
28	MDIFF	Number of Cells Counted	100						c	LC			
29	MDIFF	Abs Neuts Manual							c	LC			
30	MDIFF	Abs Lymph Manual							c	LC			
31	MDIFF	Abs Mono Manual							c	LC			
32	MDIFF	Abs Eos Manual	0.0				0.0	08/01/2015	c	LC			
33	MDIFF	Abs Baso Manual	0.0				0.0	08/01/2015	c	LC			
34	MDIFF	Absolute Metamyelocytes							c	LC			
35	MDIFF	Absolute Myelocytes							c	LC			
36	MDIFF	Absolute Promyelocytes							c	LC			
37	MDIFF	Absolute Myeloblasts							c	LC			

5. This is how the report would look



LABORATORY REPORT
Stanton Territorial Hospital Laboratory
550 Byrne Road, P.O. Box 10
Yellowknife, NT X1A 2N1
Phone: 867-669-4165 Fax: 867-669-4141

Lab No: 52080204

Patient: TEST, STANTON
DOB Age 1" Sex: F
HCN: NT1234567999999 Client ID: SX00000381
Stanton Chart No:
Pt. Phone: 8676694173
Location: DUMMY WARD
Room Adm. Date: 05/11/14

Encounter: SX00000011187
Requested by: PHYSICIAN, NOT
Send to: PHYSICIAN NOT APPLICABLE
Copy to:

CBC With Platelet and Differential, Manual Differential

LABORATORY

Requested on: 08/04/15 12:00 Status: INTERIM

PHYSICIAN NOT APPLICABLE - EA

TEST	RESULT	REF-RANGES	TEST	RESULT	REF-RANGES
CBC					
Specimens Collected/Rec'd: LAV 08/04/2015 12:00 08/04/2015 14:05					
WBC	3.6 L x10^9/L	4.0-10.0			
RBC	5.13 x10^12/L	3.80-5.20			
Hemoglobin	135 g/L	120-160			
HCT	0.413	0.350-0.460			
MCV	81 fL	80-100			
MCH	27 pg	26-35			
MCHC	334 g/L	320-360			
RDW	12.9 %	11.5-14.5			
Platelet Count	284 x10^9/L	140-450			
DIFFERENTIAL					
Differential					
Manual Differential	pending				
Number of Cells Counted	pending				
Neutrophils	pending %				
Lymphocytes	pending %				
Monocytes	pending %				
Eosinophils	pending %				
Basophils	pending %				
Absolute Cell Count					
Absolute Neutrophil	pending x10^9/L				
Absolute Lymphocytes	pending x10^9/L				
Absolute Monocytes	pending x10^9/L				
Absolute Eosinophil	pending x10^9/L				
Absolute Basophils	pending x10^9/L				
Morphology					
Morphology	pending				

6. You can then go in and perform your manual differential
   - Verify those results with no correction to the other white cell indices
   - Here's your report:

TEST	RESULT	REF-RANGES	TEST	RES
CBC				
Specimens Collected/Rec'd: LAV 08/04/2015 12:00 08/04/2015 14:05				
WBC	3.6 L x10^9/L	4.0-10.0		
RBC	5.13 x10^12/L	3.80-5.20		
Hemoglobin	135 g/L	120-160		
HCT	0.413	0.350-0.460		
MCV	81 fL	80-100		
MCH	27 pg	26-35		
MCHC	334 g/L	320-360		
RDW	12.9 %	11.5-14.5		
Platelet Count	284 x10^9/L	140-450		
DIFFERENTIAL				
Differential				
Manual Differential	PERFORMED			
Number of Cells Counted	100			
Neutrophils	24 %			
Lymphocytes	46 %			
Monocytes	15 %			
Eosinophils	13 %			
Basophils	3 %			
Absolute Cell Count				
Absolute Neutrophils	0.9 L x10^9/L	1.5-8.0		
Absolute Lymphocytes	1.4 x10^9/L	1.0-5.0		
Absolute Monocytes	0.5 x10^9/L	0.1-0.6		
Absolute Eosinophil	0.5 x10^9/L	0.0-0.7		
Absolute Basophils	0.3 H x10^9/L	0.0-0.2		
Morphology				
Morphology	PERFORMED			

Stanton: ADVIA Interface

	Instrument	System	Ext	Flt	Description	P	Q
1	001	WBCI	02		WBC Instrument		
2	002	RBC	02		RBC		
3	003	HGB	02		Hemoglobin		
4	004	HCT	02		HCT		
5	005	MCV	02		MCV		
6	006	MCH	02		MCH		
7	007	MCHC	02		MCHC		
8	008	RDW	02		RDW		
9	009	HDW	02		Hemoglobin Concent		
10	010	PLT	02		Platelet Count		
11	011	MPV	02		MPV		
12	012				PDW		
13	013				PCT		
14	014	ASEGA	02		Abs Neut Automated	N	
15	015	ALYMA	02		Abs Lymph Automate	N	
16	016	AMONA	02		Abs Mono Automated	N	
17	017	AEOSA	02		Abs Eos Automated	N	
18	018	ABASA	02		Abs Baso Automated	N	
19	019	ALUCA	02		Abs LUCs Auto		
20	020	SEGA	02		% Neutrophils Auto	N	
21	021	LYMPA	02		% Lymphocytes Auto	N	
22	022	MONOA	02		% Monocytes Auto	N	
23	023	EOSA	02		% Eosinophils Auto	N	
24	024	BASOA	02		% Basophils Auto	N	
25	025	LUCA	02		% Large Unstained	N	
26	026	LOBI	02		Lobularity Index		
27	027	AFMPX	NA		MPXI		
28	036	AFANI	NA		Anisocytosis		
29	037	AFMIC	NA		Microcytic		
30	038	AFMAC	NA		Macrocytic		
31	039	AFVAR	NA		VAR		
32	040	AFHYD	NA		Hypochromia		
33	041	AFHYE	NA		Hyperchromia		
34	042	AFLS	NA		Left Shift		
35	043	AFATY	NA		Atypical Lymphocyt		
36	044	AFBLA	NA		Blasts		
37	047	AFB%N	NA		Baso % Noise		

Hay River: Ruby Interface

	Instrument	System	Ext	Flt	Description	P	Q
1	%B	BASOA	02		Basophils Automate	N	Y
2	%E	EOSA	02		Eosinophils Automa	N	Y
3	%L	LYMPA	02		Lymphocytes Automa	N	Y
4	%M	MONOA	02		Monocytes Automate	N	Y
5	%N	SEGA	02		Neutrophils Automa	N	Y
6	ADep	RAD	NA		Atypical Depolariz		
7	BAND	RBAND	NA		Band Flag (Ruby)		
8	BASO	ABASA	02		Abs Baso Automated	N	Y
9	BLAST	RBLAS	NA		Blast Flag (Ruby)		
10	DFLT(B)	RBASO	NA		Baso Flag (Ruby)		
11	DFLT(E)	REOS	NA		Eos Flag (Ruby)		
12	DFLT(L)	RLYM	NA		Lymph Flag (Ruby)		
13	DFLT(M)	RMONO	NA		Mono Flag (Ruby)		
14	DFLT(N)	RNEUT	NA		Neut Flag (Ruby)		
15	EOS	AEOSA	02		Abs Eos Automated	N	Y
16	FWBC	RWBC	NA		WBC Flag (Ruby)		
17	HCT	HCT	02		HCT		Y
18	HGB	HGB	02		Hemoglobin		Y
19	HHERR	RHHE	NA		Hgb Heater Error (		
20	IG	RIG	NA		IG Flag (Ruby)		
21	LRI	RLRI	NA		LRI Flag (Ruby)		
22	LYM	ALYMA	02		Abs Lymph Automate	N	Y
23	MCH	MCH	02		MCH		Y
24	MCHC	MCHC	02		MCHC		Y
25	MCV	MCV	02		MCV		Y
26	MOND	AMONA	02		Abs Mono Automated	N	Y
27	MPV	MPV	02		MPV		Y
28	NERR	RNFE	NA		NOC Flow Error (Ru		
29	NEU	ASEGA	02		Abs Neuts Automate	N	Y
30	NOC						
31	NOCFL						
32	NRBC	RNNRB	NA		NRBC Flag (Ruby)		
33	NWBC	RNWBC	NA		Non WBC		
34	PLT	PLT	02		Platelet Count		Y
35	RBC	RBC	02		RBC		Y
36	RBCM	RRMF	NA		RBC Morph Flag (Ru		
37	RDW	RDW	02		RDW		Y

Fort Smith: Ruby Interface

	Instrument	System	Ext	Flt	Description	P	Q
1	%B	BASOA	02		Basophils Automate	N	Y
2	%E	EOSA	02		Eosinophils Automa	N	Y
3	%L	LYMPA	02		Lymphocytes Automa	N	Y
4	%M	MONOA	02		Monocytes Automate	N	Y
5	%N	SEGA	02		Neutrophils Automa	N	Y
6	ADep	RAD	NA		Atypical Depolariz		
7	BAND	RBAND	NA		Band Flag (Ruby)		
8	BASO	ABASA	02		Abs Baso Automated	N	Y
9	BLAST	RBLAS	NA		Blast Flag (Ruby)		
10	DFLT(B)	RBASO	NA		Baso Flag (Ruby)		
11	DFLT(E)	REOS	NA		Eos Flag (Ruby)		
12	DFLT(L)	RLYM	NA		Lymph Flag (Ruby)		
13	DFLT(M)	RMONO	NA		Mono Flag (Ruby)		
14	DFLT(N)	RNEUT	NA		Neut Flag (Ruby)		
15	EOS	AEOSA	02		Abs Eos Automated	N	Y
16	FWBC	RWBC	NA		WBC Flag (Ruby)		
17	HCT	HCT	02		HCT		Y
18	HGB	HGB	02		Hemoglobin		Y
19	HHERR	RHHE	NA		Hgb Heater Error (		
20	IG	RIG	NA		IG Flag (Ruby)		
21	LRI	RLRI	NA		LRI Flag (Ruby)		
22	LYM	ALYMA	02		Abs Lymph Automate	N	Y
23	MCH	MCH	02		MCH		Y
24	MCHC	MCHC	02		MCHC		Y
25	MCV	MCV	02		MCV		Y
26	MONO	AMONA	02		Abs Mono Automated	N	Y
27	MPV	MPV	02		MPV		Y
28	NERR	RNFE	NA		NOC Flow Error (Ru		
29	NEU	ASEGA	02		Abs Neuts Automate	N	Y
30	NOC						
31	NOCFL						
32	NRBC	RNNRB	NA		NRBC Flag (Ruby)		
33	NWBC	RNWBC	NA		Non WBC		
34	PLT	PLT	02		Platelet Count		Y
35	RBC	RBC	02		RBC		Y
36	RBCM	RRMF	NA		RBC Morph Flag (Ru		
37	RDW	RDW	02		RDW		Y

Inuvik: Ruby Interface

	Instrument	System	Ext	Flt	Description	P	Q
1	%B	BASOA	02		Basophils Automate	N	Y
2	%E	EOSA	02		Eosinophils Automa	N	Y
3	%L	LYMPA	02		Lymphocytes Automa	N	Y
4	%M	MONOA	02		Monocytes Automate	N	Y
5	%N	SEGA	02		Neutrophils Automa	N	Y
6	ADep	RAD	NA		Atypical Depolariz		
7	BAND	RBAND	NA		Band Flag (Ruby)		
8	BASO	ABASA	02		Abs Baso Automated	N	Y
9	BLAST	RBLAS	NA		Blast Flag (Ruby)		
10	DFLT(B)	RBASO	NA		Baso Flag (Ruby)		
11	DFLT(E)	REOS	NA		Eos Flag (Ruby)		
12	DFLT(L)	RLYM	NA		Lymph Flag (Ruby)		
13	DFLT(M)	RMONO	NA		Mono Flag (Ruby)		
14	DFLT(N)	RNEUT	NA		Neut Flag (Ruby)		
15	EOS	AEOSA	02		Abs Eos Automated	N	Y
16	FWBC	RWBC	NA		WBC Flag (Ruby)		
17	HCT	HCT	02		HCT		Y
18	HGB	HGB	02		Hemoglobin		Y
19	HHERR	RHHE	NA		Hgb Heater Error (		
20	IG	RIG	NA		IG Flag (Ruby)		
21	LRI	RLRI	NA		LRI Flag (Ruby)		
22	LYM	ALYMA	02		Abs Lymph Automate	N	Y
23	MCH	MCH	02		MCH		Y
24	MCHC	MCHC	02		MCHC		Y
25	MCV	MCV	02		MCV		Y
26	MONO	AMONA	02		Abs Mono Automated	N	Y
27	MPV	MPV	02		MPV		Y
28	NERR	RNFE	NA		NOC Flow Error (Ru		
29	NEU	ASEGA	02		Abs Neuts Automate	N	Y
30	NOC						
31	NOCFL						
32	NRBC	RNNRB	NA		NRBC Flag (Ruby)		
33	NWBC	RNWBC	NA		Non WBC		
34	PLT	PLT	02		Platelet Count		Y
35	RBC	RBC	02		RBC		Y
36	RBCM	RRMF	NA		RBC Morph Flag (Ru		
37	RDW	RDW	02		RDW		Y