

PDL Update: Reporting Changes for CBC, Synovial, Body Fluid, CSF Differentials

September 20, 2021

WHAT HAS CHANGED

Effective September 28, 2021, Pacific Diagnostic Laboratories (PDL) will begin using CellaVision®, a cell image analysis system, as a complement to our clinical hematology testing systems and microscopic analysis.

This digital imaging system will be used for pre-classification of WBC cells and pre-characterization of WBC, RBC and PLT morphology. The system automates the search for cells so the Clinical Lab Scientist (CLS) can focus more closely on identifying abnormal morphology. It also enables enhanced standardization of cell and morphology nomenclature, leading to consistency of cell differential result reporting and better patient outcomes.

WHY WE ARE INFORMING YOU OF THIS CHANGE

REPORTING CHANGES: The following tests will have minor changes to the result report.

TEST NAME	PDL CODE
Body Fluid Cell Count with Differential	LAB210
Cerebral Spinal Fluid (CSF) Cell Count with Differential	LAB212
Complete Blood Count (CBC) with Auto Differential	LAB1748
Complete Blood Count (CBC)	LAB294
Complete Blood Count (CBC) with Manual Differential	LAB9406
Synovial Fluid Cell Count with Differential (Fluid Panel, Synovial Fluid)	LAB9140
White Blood Cell (WBC) with Differential	LAB10096

CellaVision Manual Differential will be noted on result reports when the CLS uses the CellaVision to complete the differential. Per our standard operating procedures, manual differentials are performed when a slide review is indicated from the assessment of the initial hematology test results.

Cancellation note for the CellaVision differential will occur if:

- The automated differential from our Hematology system and the CellaVision manual differential correlate. The cancellation note will indicate: “Smear scan confirms automated differential”.
- A full manual microscopic review is needed as determined by the CLS. The specific reason will be provided.

Please note:

- Billing/charges for this testing remains the same.
- If a manual differential was ordered initially (LAB9406 CBC and Manual Differential), the CLS will perform a microscopic differential without the assistance of the CellaVision.

NEXT STEPS

Your Electronic Medical Record (EMR) may need to be updated to receive the results. We are providing a listing of the new components with this notice. Please verify with your EMR vendor if these components need to be added.

TEST	COMPONENT/RESULT
CSF CELLAVISION MANUAL DIFF [1230119072]	CELLS COUNTED CV, CSF [1230018733]
	CELLAVISION NEUTROPHIL CSF % [1230018740]
	CELLAVISION LYMPHOCYTES CSF % [1230018741]
	CELLAVISION MONOCYTES CSF % [1230018742]

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	CELLAVISION EOSINOPHILS CSF % [1230018743]
	CELLAVISION BASOPHILS CSF % [1230018744]
	CELLAVISION OTHER CELLS CSF % [1230018745]
CELLAVISION MANUAL DIFFERENTIAL [1230119066]	NEUTROPHILS, SEGMENTED % (MAN DIFF) (CELLAVISION) [1230018714]
	LYMPHOCYTES/100 LEUKOCYTES IN BLOOD BY MANUAL COUNT (CELLAVISION) [1230018705]
	MONOCYTES/100 LEUKOCYTES IN BLOOD BY MANUAL COUNT (CELLAVISION) [1230018709]
	EOSINOPHILS/100 LEUKOCYTES IN BLOOD BY MANUAL COUNT (CELLAVISION) [1230018703]
	BASOPHILS/100 LEUKOCYTES IN BLOOD (CELLAVISION) [1230018699]
	NEUTROPHILS, BANDS % (MAN DIFF) (CELLAVISION) [1230018712]
	METAMYELOCYTES/100 LEUKOCYTES IN BLOOD BY MANUAL COUNT (CELLAVISION) [1230018707]
	MYELOCYTES/100 LEUKOCYTES IN BLOOD BY MANUAL COUNT (CELLAVISION) [1230018711]
	PROMYELOCYTES/100 LEUKOCYTES BY MANUAL COUNT (CELLAVISION) [1230018720]
	OTHER CELLS/100 LEUKOCYTES IN BLOOD BY MANUAL COUNT (CELLAVISION) [1230018718]
	NUCLEATED ERYTHROCYTES/100 LEUKOCYTES IN BLOOD (CELLAVISION) [1230018716]
	NEUTROPHILS, SEGMENTED (10*3/UL) (MAN DIFF) (CELLAVISION) [1230018715]
	LYMPHOCYTES (10*3/UL) IN BLOOD BY MANUAL COUNT (CELLAVISION) [1230018704]
	MONOCYTES (10*3/UL) IN BLOOD BY MANUAL COUNT (CELLAVISION) [1230018708]
	EOSINOPHILS (10*3/UL) IN BLOOD BY MANUAL COUNT (CELLAVISION) [1230018702]
	BASOPHILS (10*3/UL) IN BLOOD (CELLAVISION) [1230018698]
	NEUTROPHILS, BANDS (10*3/UL) (MAN DIFF) (CELLAVISION) [1230018713]
	METAMYELOCYTES (10*3/UL) IN BLOOD BY MANUAL COUNT (CELLAVISION) [1230018706]
	MYELOCYTES (10*3/UL) IN BLOOD BY MANUAL (CELLAVISION) [1230018710]
	PROMYELOCYTES (10*3/UL) IN BLOOD BY MANUAL COUNT (CELLAVISION) [1230018719]
OTHER CELLS (10*3/UL) IN BLOOD BY MANUAL COUNT (CELLAVISION) [1230018717]	
SYNOVIAL FLUID CELLAVISION MANUAL DIFF [1230119067]	CELLS COUNTED TOTAL # IN BODY FLUID CV [1230018732]
	CELLAVISION SEGMENTED NEUTROPHIL FLUID % [1230018734]
	CELLAVISION LYMPHOCYTES FLUID % [1230018735]
	CELLAVISION MONOCYTOID CELLS FLUID % [1230018736]
	CELLAVISION EOSINOPHILS FLUID % [1230018737]
	CELLAVISION BASOPHILS FLUID % [1230018738]
	CELLAVISION OTHER CELLS FLUID % [1230018739]
CSF CELLAVISION MANUAL DIFF [1230119072]	CELLS COUNTED CV, CSF [1230018733]
	CELLAVISION NEUTROPHIL CSF % [1230018740]
	CELLAVISION LYMPHOCYTES CSF % [1230018741]
	CELLAVISION MONOCYTES CSF % [1230018742]
	CELLAVISION EOSINOPHILS CSF % [1230018743]
	CELLAVISION BASOPHILS CSF % [1230018744]
	CELLAVISION OTHER CELLS CSF % [1230018745]

FOR ADDITIONAL QUESTIONS CONTACT PDL CLIENT SERVICES AT 805-879-8100