

Reporting Title: Morphology Eval (special smear)
Performing Location: Rochester

Necessary Information:
Clinician should provide indication for performing test.

Specimen Requirements:
Collection Container/Tube: 2 slides
Specimen Volume: 2 unstained, well prepared peripheral blood smears
Collection Instructions: Smears made from blood obtained by either a lavender top (EDTA) tube or finger stick specimen

Specimen Type	Temperature	Time	Special Container
Whole blood	Ambient (preferred)		CARTRIDGE
	Refrigerated		CARTRIDGE

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
LYMPH	Lymphocytes	Numeric	%	26478-8
MONOC	Monocytes	Numeric	%	26485-3
EOS	Eosinophils	Numeric	%	714-6
BASO	Basophils	Numeric	%	707-0
META	Metamyelocytes	Numeric	%	740-1
MYEL	Myelocytes	Numeric	%	749-2
PROMY	Promyelocytes	Numeric	%	783-1
UBLS	Blasts	Numeric	%	709-6
PLSM	Plasma Cells	Numeric	%	79426-3
M_KR	Megakaryocytes	Numeric	/100 WBC	19252-6
NUCL	Nucleated RBC	Numeric	/100 WBC	19048-8
FRAGC	Fragile Cells	Alphanumeric		34992-8
BL_PR	Blasts and Promonocytes	Numeric	%	709-6
MANC	Manual Absolute Neutrophil Count	Numeric	x10(9)/L	753-4
INT01	Interpretation	Alphanumeric		59466-3
REV96	Reviewed by:	Alphanumeric		18771-6
SEGBA	Neutrophilic Segs and Bands	Numeric	%	23761-0

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:
No

Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
DIFFS	Morphology Eval (Special Smear)	1	85007	Yes	No
SPSM_	Special Smear			Yes	No

CPT Code Information:

- 85007
- 85060-(if appropriate)
- 85027-(if appropriate)
- 88184-(If appropriate)
- 88185-(If appropriate)
- 88187-(if appropriate)
- 88188-(if appropriate)
- 88189-(if appropriate)

Reflex Tests:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
DIFFR	Morphology Eval (special Smear)	1	85007	No	No
PINTP	Peripheral Smear Interpretation	1	85060	No	No
CBCN	CBC without Differential	1	85027	No	Yes
LCMSB	Leukemia/Lymphoma Phenotype	1	88184	No	Yes

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
LCMSB	32599	Special Studies:	Alphanumeric		30954-2
LCMSB	32600	Microscopic Description	Alphanumeric		22635-7
LCMSB	32601	Final Diagnosis:	Alphanumeric		34574-4
LCMSB	CK156	LCMSB Result	Alphanumeric		69052-9
CBCN	HGB	Hemoglobin	Numeric	g/dL	718-7
CBCN	HCT	Hematocrit	Numeric	%	4544-3
CBCN	RBC	Erythrocytes	Numeric	x10(12)/L	789-8
CBCN	MCV	MCV	Numeric	fL	787-2
CBCN	RDW	RDW	Numeric	%	788-0
CBCN	WBC	Leukocytes	Numeric	x10(9)/L	6690-2
CBCN	PLTC	Platelet Count	Numeric	x10(9)/L	777-3
PINTP	71442	Participated in the Interpretation	Alphanumeric		No LOINC Needed
PINTP	71443	Report electronically signed by	Alphanumeric		19139-5
PINTP	71447	Interpretation	Alphanumeric		14869-2
PINTP	71832	Case Number	Alphanumeric		80398-1

Reference Values:

- 1-3 years
- Neutrophils/bands: 22-51%
- Lymphocytes: 37-73%

Monocytes: 2-11%
Eosinophils: 1-4%
Basophils: 0-2%
Metamyelocytes: 0%
Myelocytes: 0%

4-7 years
Neutrophils/bands: 30-65%
Lymphocytes: 29-65%
Monocytes: 2-11%
Eosinophils: 1-4%
Basophils: 0-2%
Metamyelocytes: 0%
Myelocytes: 0%

8-13 years
Neutrophils/bands: 35-70%
Lymphocytes: 23-53%
Monocytes: 2-11%
Eosinophils: 1-4%
Basophils: 0-2%
Metamyelocytes: 0%
Myelocytes: 0%

Adults
Neutrophils/bands: 50-75%
Lymphocytes: 18-42%
Monocytes: 2-11%
Eosinophils: 1-3%
Basophils: 0-2%
Metamyelocytes: <1%
Myelocytes: <0.5%

An interpretive report will be provided.