MAYO CLINIC
Mayo Medical Laboratories

REPORTING CHANGE
NOTIFICATION DATE: June 15, 2010
EFFECTIVE DATE: July 14, 2010

Erythrocytosis Evaluation
#84160

EXPLANATION: Erythrocytosis Evaluation will undergo a reporting format change effective July 14, 2010.

- #81644, IEF Confirms will be added to the initial profile versus as a possible reflex test.
- #29374, HGB Electrophoresis Cascade, Level 3 will be added as a possible reflex to this evaluation.

New Profile Information:

Unit Code	Reporting Name	Available Separately	Always Performed
174	Erythrocytosis Interpretation	No	Yes
83341	Hemoglobin A2 and F	Yes	Yes
81428	Hemoglobin Electrophoresis, B	No	Yes
9110	Oxygen Dissociation P50, RBC	Yes	Yes
81644	IEF Confirms	No	Yes

New Reflex Tests:

Unit Code	Reporting Name	Available Separately	Always Performed
9180	Hemoglobin S, Scrn, B	Yes	No
81510	Agar Elec. Confirms	No	No
9095	Hemoglobin, Unstable, B	Yes	No
81509	Globin Elec. Confirms	No	No
8270	Hemoglobin F, Red Cell Distrib, B	Yes	No
29374	HGB Electrophoresis Cascade, Level 3	No	No

NOTE: #29374, HGB Electrophoresis Cascade, Level 3 is a profile that may be performed at an additional charge, that may include any or all of the following as indicated to identify a rare hemoglobin variant: beta-globin gene, large del/dup; alpha-globin gene sequencing; and beta-globin gene sequencing.

LIST FEE: $644.10
The following test(s) may be added per the testing algorithm:
$148.30 for #8270 "Hemoglobin F, Red Cell Distribution, Blood"
$121.10 for #9095 "Hemoglobin, Unstable, Blood"
$81.60 for #9180 "Hemoglobin S, Screen, Blood"
$51.00 for #81509 "Globin Chain Electrophoresis"
$94.70 for #81510 "Agar Electrophoresis Confirms"
$327.60 for #89573 "Alpha-Globin Gene Sequence"
$260.00 for #89405 "Beta-Globin Gene Sequence"
$353.60 for #89575 "Beta-Globin Gene Deletion/Duplication"
$156.00 for #29375 "DNA Extraction-Purgene Method"

CPT CODE:
“Erythrocytosis Evaluation"
82820/Hemoglobin O(2) affinity (P[50])
83020/Hemoglobin electrophoresis (alkaline)
83021/Hemoglobin A(2) and F
82664/Isoelectric focusing

"Hemoglobin S, Screen, Blood"
85660/Hemoglobin S solubility (if appropriate)

"Agar Electrophoresis Confirms"
82664/Agar electrophoresis (if appropriate)

"Hemoglobin, Unstable, Blood"
83068/Hemoglobin stability (if appropriate)

"Globin Chain Electrophoresis"
82664/Globin electrophoresis (if appropriate)

"Hemoglobin F, Red Cell Distribution, Blood"
88184/Hemoglobin F, red cell distribution (if appropriate)

"Hemoglobin Electrophoresis Cascade, Level 3"
83891/Isolation or extraction of highly purified nucleic acid (if appropriate)
83898/x4 amplification, target, each nucleic acid sequence (if appropriate)
83904/x12 mutation identification by sequencing, single segment, each segment (if appropriate)
83909/x13 separation and identification by high-resolution technique (if appropriate)
83900/amplification, target, multiple, first 2 nucleic acid sequences (if appropriate)
83914/x8 mutation identification by enzymatic ligation or primer extension, single segment, each segment (if appropriate)

QUESTIONS: Contact your Mayo Medical Laboratories’ Regional Manager or
Julie Breider, MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710