

Erythrocytosis Evaluation, Blood

Test ID: REVE2

Explanation: On the effective date, ATHAL will be replaced by AGDD for standalone testing and WBDD will be replaced with WBGDD for standalone testing. Alpha-Globin Gene Analysis and Beta Globin Cluster Locus Deletion/Duplication ordered through a blood-only profile (THEV1, REVE2, MEV1, HAEV1, HBEL1, HBELP) will use profile-specific codes, WAGDR and WBGDR.

Current Reflex Tests			
Test ID	Reporting Name	Available Separately	Always performed
SDEX	Sickle Solubility, B	Yes	No
HEMP	Hereditary Erythrocytosis Mut, B	Yes	No
IEF	Isoelectric Focusing, B	No	No
UNHB	Hb Stability, B	No	No
HPFH	Hb F Distribution, B	No	No
ATHAL	Alpha-Globin Gene Analysis	Yes	No
WASQR	Alpha Globin Gene Sequencing, B	Yes (Order WASEQ)	No
WBSQR	Beta Globin Gene Sequencing, B	Yes (Order WBSEQ)	No
WBDDR	Beta Globin Cluster Locus Del/Dup,B	Yes (WBDD)	No
WGSQR	Gamma Globin Full Gene Sequencing	Yes (Order WGSEQ)	No
BPGMM	BPGM Full Gene Sequencing	Yes	No
REVE0	Erythrocytosis Summary Interp	No	No

New Reflex Tests			
Test ID	Reporting Name	Available Separately	Always performed
SDEX	Sickle Solubility, B	Yes	No
HEMP	Hereditary Erythrocytosis Mut, B	Yes	No
IEF	Isoelectric Focusing, B	No	No
UNHB	Hb Stability, B	No	No
HPFH	Hb F Distribution, B	No	No
WAGDR	Alpha Globin Clustr Locus Del/Dup,B	Yes (Order AGDD)	No
WASQR	Alpha Globin Gene Sequencing, B	Yes (Order WASEQ)	No
WBSQR	Beta Globin Gene Sequencing, B	Yes (Order WBSEQ)	No
WBGDR	Beta Globin Gene Cluster, Del/Dup,B	Yes (Order WBGDD)	No
WGSQR	Gamma Globin Full Gene Sequencing	Yes (Order WGSEQ)	No
BPGMM	BPGM Full Gene Sequencing	Yes	No
REVE0	Erythrocytosis Summary Interp	No	No

VHLE	VHL Gene Erythrocytosis Mutations	Yes (Order VHLZZ)	No
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VHLE	VHL Gene Erythrocytosis Mutations	No	No
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Current Test Algorithm
<p>If any of the following molecular tests are performed, an additional consultative interpretation that summarizes all testing will be provided to incorporate subsequent results into an overall evaluation:</p> <ul style="list-style-type: none"> -ATHAL / Alpha-Globin Gene Analysis, Varies -WASQR / Alpha -Globin Gene Sequencing, Blood -WBSQR / Beta-Globin Gene Sequencing, Blood -WBDDR / Beta-Globin Cluster Locus Deletion/Duplication, Blood -WGSQR / Gamma-Globin Full Gene Sequencing, Varies <p>Additional reflex tests are performed if the hemoglobin testing does not explain the patient's phenotype/hereditary erythrocytosis. Each of the following reflex tests contains an individual interpretative report.</p> <ul style="list-style-type: none"> -BPGMM / 2,3-Bisphosphoglycerate Mutase, Full Gene Sequencing Analysis, Varies -HEMP / Hereditary Erythrocytosis Mutations, Whole Blood -VHLE / VHL Gene, Erythrocytosis, Mutation Analysis, Varies

New Testing Algorithm
<p>If any of the following molecular tests are performed, an additional consultative interpretation that summarizes all testing will be provided to incorporate subsequent results into an overall evaluation:</p> <ul style="list-style-type: none"> -WAGDR / Alpha Globin Cluster Locus Deletion/Duplication, Blood -WASQR / Alpha -Globin Gene Sequencing, Blood -WBSQR / Beta-Globin Gene Sequencing, Blood -WBGDR / Beta-Globin Gene Cluster Deletion/Duplication, Blood -WGSQR / Gamma-Globin Full Gene Sequencing, Varies <p>Additional reflex tests are performed if the hemoglobin testing does not explain the patient's phenotype/hereditary erythrocytosis. Each of the following reflex tests contains an individual interpretative report.</p> <ul style="list-style-type: none"> -BPGMM / 2,3-Bisphosphoglycerate Mutase, Full Gene Sequencing Analysis, Varies -HEMP / Hereditary Erythrocytosis Mutations, Whole Blood -VHLE / VHL Gene, Erythrocytosis, Mutation Analysis, Varies

Questions

Contact Connie Penz Laboratory Resource Coordinator at 800-533-1710.