

Noridian Local Coverage Determination (LCD): MoIDX: Genetic Testing for BCR-ABL Negative Myeloproliferative Disease (L36180)

Applicable Tests

NeoTYPE MPN Profile	MPL Mutation Analysis
JAK2, JAK2 exons 12-14, JAK2 V617F	MPN Standard Reflex Panel
CALR Mutation Analysis	MPN Extended Reflex Panel

Applicable CPT Codes

81206	81403
81207	81445
81208	81450
81219	81455
81270	81479
81402	

Limitations

For laboratories performing single gene technologies, a sequential genetic testing approach is expected. Once a positive result is obtained and the appropriate diagnosis is established, further testing should stop. Reflex testing to the next gene will be considered reasonable and necessary if the following sequence of genetic tests produce a negative result:

1. BCR-ABL negative test results, progress to #2
2. JAK2, cv negative test results, progress to #3 or #4
3. JAK2 exon 12 (JAK2 exon 12 is only done when PV is suspected)
4. CALR/MPL (CALR/MPL is only done when either ET or PMF is suspected; testing for CALR/MPL does NOT require a negative JAK2 exon 12, just a negative JAK2 V617F result)

ICD-10 Codes Supporting Medical Necessity Numerical Listing

C88.8	Other malignant immunoproliferative diseases	C92.21	Atypical chronic myeloid leukemia, BCR/ABL-negative, in remission
C91.00	Acute lymphoblastic leukemia not having achieved remission	C92.22	Atypical chronic myeloid leukemia, BCR/ABL-negative, in relapse
C91.01	Acute lymphoblastic leukemia, in remission	C94.40	Acute panmyelosis with myelofibrosis not having achieved remission
C91.02	Acute lymphoblastic leukemia, in relapse	C94.41	Acute panmyelosis with myelofibrosis, in remission
C92.10	Chronic myeloid leukemia, BCR/ABL-positive, not having achieved remission	C94.42	Acute panmyelosis with myelofibrosis, in relapse
C92.11	Chronic myeloid leukemia, BCR/ABL-positive, in remission	C94.6	Myelodysplastic disease, not classified
C92.12	Chronic myeloid leukemia, BCR/ABL-positive, in relapse	D45	Polycythemia vera
C92.20	Atypical chronic myeloid leukemia, BCR/ABL-negative, not having achieved remission	D46.0	Refractory anemia without ring sideroblasts, so stated

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D46.1	Refractory anemia with ring sideroblasts
D46.20	Refractory anemia with excess of blasts, unspecified
D46.21	Refractory anemia with excess of blasts 1
D46.22	Refractory anemia with excess of blasts 2
D46.A	Refractory cytopenia with multilineage dysplasia
D46.B	Refractory cytopenia with multilineage dysplasia and ring sideroblasts
D46.C	Myelodysplastic syndrome with isolated del(5q) chromosomal abnormality
D46.4	Refractory anemia, unspecified
D46.Z	Other myelodysplastic syndromes
D46.9	Myelodysplastic syndrome, unspecified
D47.02	Systemic mastocytosis
D47.1	Chronic myeloproliferative disease
D47.3	Essential (hemorrhagic) thrombocythemia
D47.4	Osteomyelofibrosis
D47.Z9	Other specified neoplasms of uncertain behavior of lymphoid, hematopoietic and related tissue
D47.9	Neoplasm of uncertain behavior of lymphoid, hematopoietic and related tissue, unspecified

D72.821	Monocytosis (symptomatic)
D72.829	Elevated white blood cell count, unspecified
D75.1	Secondary polycythemia
D75.81	Myelofibrosis
D75.89	Other specified diseases of blood and blood-forming organs
D75.9	Disease of blood and blood-forming organs, unspecified

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Alphabetical Listing

C91.00	Acute lymphoblastic leukemia not having achieved remission	D72.821	Chronic myeloproliferative disease
C91.02	Acute lymphoblastic leukemia, in relapse	Monocytosis (symptomatic)	
C91.01	Acute lymphoblastic leukemia, in remission	C94.6	Myelodysplastic disease, not classified
C94.40	Acute panmyelosis with myelofibrosis not having achieved remission	D46.C	Myelodysplastic syndrome with isolated del(5q) chromosomal abnormality
C94.42	Acute panmyelosis with myelofibrosis, in relapse	D46.9	Myelodysplastic syndrome, unspecified
C94.41	Acute panmyelosis with myelofibrosis, in remission	D75.81	Myelofibrosis
C92.22	Atypical chronic myeloid leukemia, BCR/ABL-negative, in relapse	D47.9	Neoplasm of uncertain behavior of lymphoid, hematopoietic and related tissue, unspecified
C92.21	Atypical chronic myeloid leukemia, BCR/ABL-negative, in remission	D47.4	Osteomyelofibrosis
C92.20	Atypical chronic myeloid leukemia, BCR/ABL-negative, not having achieved remission	C88.8	Other malignant immunoproliferative diseases
C92.12	Chronic myeloid leukemia, BCR/ABL-positive, in relapse	D46.Z	Other myelodysplastic syndromes
C92.11	Chronic myeloid leukemia, BCR/ABL-positive, in remission	D75.89	Other specified diseases of blood and blood-forming organs
C92.10	Chronic myeloid leukemia, BCR/ABL-positive, not having achieved remission	D47.Z9	Other specified neoplasms of uncertain behavior of lymphoid, hematopoietic and related tissue
C93.10	Chronic myelomonocytic leukemia not having achieved remission	D45	Polycythemia vera
D47.1	Chronic myeloproliferative disease	D46.21	Refractory anemia with excess of blasts 1
D75.9	Disease of blood and blood-forming organs, unspecified	D46.22	Refractory anemia with excess of blasts 2
D72.829	Myelodysplastic syndrome, unspecified	D46.20	Refractory anemia with excess of blasts, unspecified
Elevated white blood cell count, unspecified		D46.1	Refractory anemia with ring sideroblasts
D47.3	Essential (hemorrhagic) thrombocythemia	D46.0	Refractory anemia without ring sideroblasts, so stated
		D46.4	Refractory anemia, unspecified
		D46.A	Refractory cytopenia with multilineage dysplasia
		D46.B	Refractory cytopenia with multilineage dysplasia and ring sideroblasts
		D75.1	Secondary polycythemia

The accuracy and relevance of this information should be verified by reference to the current version of the Coding Manual of the American Medical Association (AMA) or by visiting the Centers for Medicare and Medicaid Services (CMS) website at www.cms.hhs.gov/home/medicare.asp. This information is not intended to suggest reimbursement or provide direction for coding and was obtained online at www.cms.hhs.gov/home/medicare.asp. Codes listed are effective as of February 1, 2019.

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