

INVITAE HEMATOLOGY GENE PANEL TESTS

Our testing menu curated by medical genetics experts contains inherited hematological conditions including bone marrow failure syndromes, hereditary hemochromatosis, and thrombophilia.

CLINICAL AREA: HEREDITARY CANCER

BONE MARROW FAILURE SYNDROMES

Invitae Bone Marrow Failure Syndromes Panel (39 genes)	Primary panel (39 genes) BRCA2 BRIP1 CTC1 DKC1 ELANE ERCC4 FANCA FANCB FANCC FANCD2 FANCE FANCF FANCG FANCI FANCL FANCM GATA1 GATA2 MPL NHP2 NOP10 PALB2 RAD51C RPL11 RPL26 RPL35A RPL5 RPS10 RPS19 RPS24 RPS26 RPS7 RUNX1 SLX4 TERC TERT TINF2 WAS XRCC2
Invitae Congenital Amegakaryocytic Thrombocytopenia Test (1 gene)	Primary panel (1 gene) MPL
Invitae Diamond-Blackfan Anemia Panel (10 genes)	Primary panel (10 genes) GATA1 RPL11 RPL26 RPL35A RPL5 RPS10 RPS19 RPS24 RPS26 RPS7
Invitae Dyskeratosis Congenita Panel (7 genes)	Primary panel (7 genes) CTC1 DKC1 NHP2 NOP10 TERC TERT TINF2
Invitae ELANE-Related Neutropenia Test (1 gene)	Primary panel (1 gene) ELANE
Invitae Fanconi Anemia Panel (17 genes)	Primary panel (17 genes) BRCA2 BRIP1 ERCC4 FANCA FANCB FANCC FANCD2 FANCE FANCF FANCG FANCI FANCL FANCM PALB2 RAD51C SLX4 XRCC2
Invitae GATA1-Related X-Linked Cytopenia Test (1 gene)	Primary panel (1 gene) GATA1
Invitae GATA2 Deficiency Test (1 gene)	Primary panel (1 gene) GATA2
Invitae WAS-Related Disorders Test (1 gene)	Primary panel (1 gene) WAS

CLINICAL AREA: NON-MALIGNANT HEMATOLOGY

HEREDITARY HEMOCHROMATOSIS

Invitae Hereditary Hemochromatosis Panel (5 genes)	Primary panel (5 genes) HAMP HFE HFE2 SLC40A1 TFR2
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HEREDITARY THROMBOPHILIA

Invitae Hereditary Thrombophilia Panel (up to 7 genes)	Primary panel (5 genes) F2 F5 PROC PROS1 SERPINC1
	Add-on F9 for hereditary thrombophilia gene (1 gene) F9
	Add-on MPL for hereditary thrombophilia gene (1 gene) MPL
Invitae Antithrombin III Deficiency Test (1 gene)	Primary panel (1 gene) SERPINC1
Invitae Protein C Deficiency Test (1 gene)	Primary panel (1 gene) PROC
Invitae Protein S Deficiency Test (1 gene)	Primary panel (1 gene) PROS1

ABOUT INVITAE

Invitae's mission is to bring comprehensive genetic information into mainstream medical practice to improve the quality of healthcare for everyone. Our goal is to aggregate most of the world's genetic tests into a single service with higher quality, faster turnaround time, and lower price than many single-gene tests today.

For more information about Invitae's genetic tests, please visit www.invitae.com.

