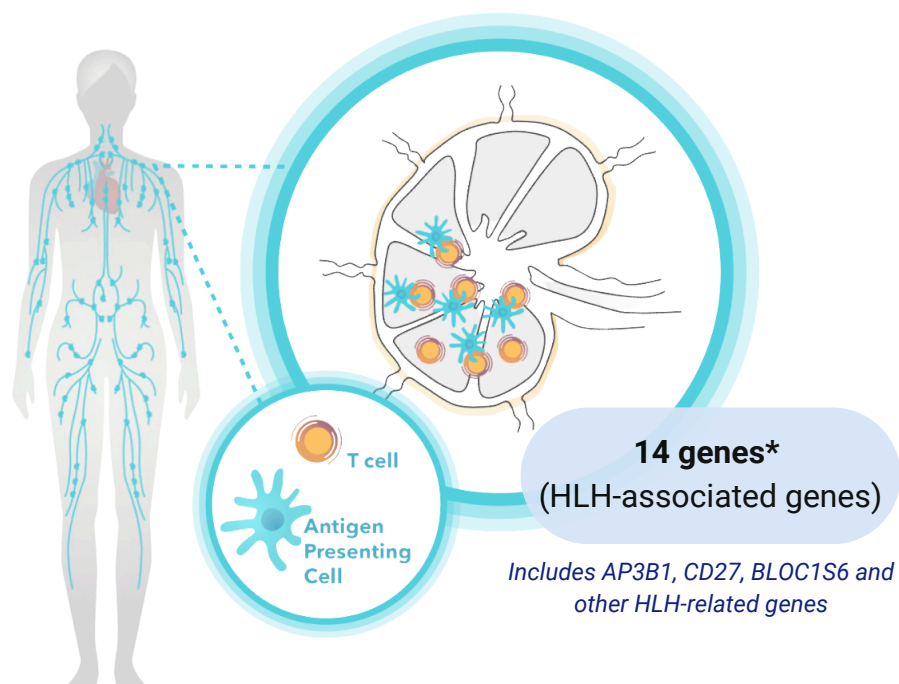


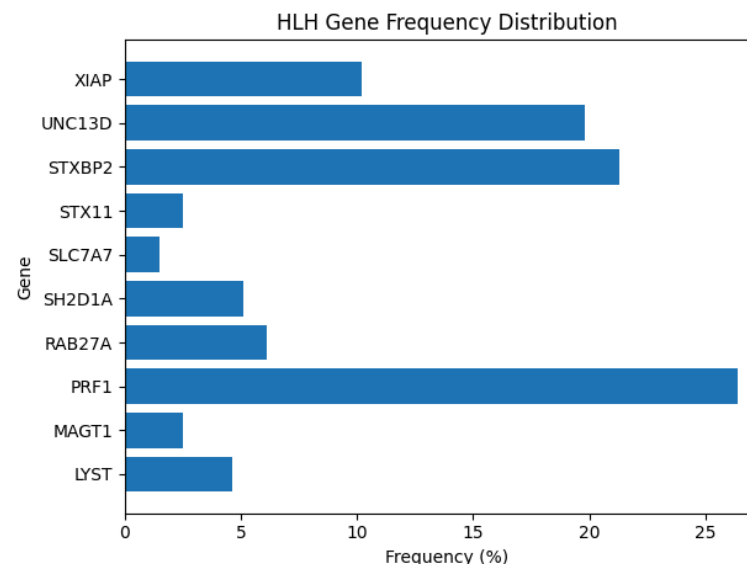
Hemophagocytic Lymphohistiocytosis (HLH) Gene Panel

Next Generation Sequencing based test to detect genomic biomarker



HLH Gene Frequency Distribution

Summary of gene frequencies in HLH based on dataset



Key Insights (Clinically Relevant)

Top Contributors (~67%)

- PRF1 (26.4%)
 - STXBP2 (21.3%)
 - UNC13D (19.8%)
- **Major drivers of HLH**

Moderate Contributors

- XIAP
- Rab27A
- SH2D1A

Rare Contributors

- MAGT1
- STX11
- SLC7A7

Extended/Less Common

- AP3B1, BLOC1S6, CD27, ITK
- **Secondary/ population-specific**

Gene List

HLH-associated genes

*AP3B1, BLOC1S6, CD27, ITK, LYST, MAGT1,
PRF1, RAB27A, SH2D1A, SLC7A7, STX11,
STXBP2, UNC13D, XIAP*

Test Details

Test Code	MGM067
Test Name	Hemophagocytic Lymphohistiocytosis (HLH) Gene Panel
TAT	19 days
Specimen Type	Peripheral Blood in EDTA (Purple Top) 20-25°C, Chorionic Villus Sample (CVS)/-2-8°C, Direct DNA/-20-25°C, Amniotic fluid (AF)/-20-25°C
Accreditation	CAP, NABL

MedGenome

MedGenome is a global leader in genetic testing, genomics research, and drug discovery, delivering precise genomic solutions for better health management.

As the only CAP-accredited genetic testing lab in India, MedGenome offers over 1,300 advanced tests using cutting-edge technology.

Their mission is to enable faster, smarter diagnosis of complex diseases while making high-quality, affordable genetic testing accessible to over 4 billion people worldwide.

Witty Charman CoTS

Focused on Medical Technology especially in Forensic Pathology & Forensic Science related product & services. It is venturing into Diabetes Care & Digital Pathology.

Witty Charman Medical

Started with a vision to make a difference in people's health & lives through affordable, brilliant & compassionate patient care, of all age groups from pediatric to geriatric.

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