

HLH Diagnostic Investigations

Patient label including full name,
date of birth, and sex

Referring physician

Name:
Address:

Email:
Phone:
Fax:

Basic clinical data:

Immunosuppressants at the time of venipuncture:

Haemoglobin _____ g/dL
Neutrophil count _____ /nL
Platelet count _____ /nL
Ferritin _____ µg/L not done
Fibrinogen _____ mg/dL not done
Triglycerides _____ mg/dL not done
CRP _____ mg/L
Infectious trigger _____ (e.g. EBV, CMV)
Fever yes no
Hepatosplenomegaly yes no
Haemophagocytosis yes no
Signs of bleeding yes no
Blonde/silvery hairs yes no
Consanguinity yes no

Prior to shipping it is mandatory to contact the physicians of the German HLH study center:

Paediatric Haematology and Oncology, University Hospital Medical Center, Hamburg-Eppendorf
Prof. Dr. Gritta Janka (Mobile: +49 172 5447780, Office: +49 40 7410 54369, email: janka@uke.de)
Dr. Kai Lehmborg (Mobile: +49 152 22816726, Office: +49 40 7410 54209, email: k.lehmborg@uke.de)
Fax: +49 40 7410 58250

- Morphology** (Lab Hamburg)
Bone marrow aspirate smears (2x stained, 4x unstained), CSF cytopsin (mandatory: CSF cell count ____/µL, CSF protein ____ mg/dL)
- Gene sequencing** (Lab Hamburg)
5 mL EDTA blood, ideally send samples of parents as well. A signed informed consent (patient or legal guardian) for each is **mandatory**.

Tick requested genes:

- Perforin (FHL 2) SH2D1A (XLP)
 UNC13D (FHL 3) BIRC4 (XIAP)
 Syntaxin 11 (FHL 4) RAB27A (Griscelli)
 UNC18B (FHL 5) ITK
 LYST (CHS) AP3B1 (HPSII)

No express shipping required. Include this sheet and an address for billing purposes.

Contact person lab Hamburg:

Dr. Udo Zur Stadt
Tel.: +49 40 7410 52743
zurstadt@uke.de

Shipping address Hamburg:

Laboratory for Paediatric Haematology and Oncology
N21
University Hospital Medical Center Hamburg-Eppendorf
Martinistrasse 52
20246 Hamburg
Germany

- Immunology** (Lab Freiburg)
10-15 mL EDTA blood (infants at least 5mL)
2-3 mL serum
10 hairs of the patient,
10-15 mL EDTA blood of a healthy unrelated person is **mandatory**.
A signed consent form (patient or legal guardian) is **mandatory**.

Date and time of venipuncture: _____

It is mandatory to arrange the day of shipment with the lab.

Shipping overnight (within 24 hours of sample drawing). No cooling required. Sample must be delivered until 9 am in the lab. Include this sheet and an address for billing purposes. Results are available within 2-3 days.

Contact person lab Freiburg:

Ilka Bondzio
Phone: +49 761 270 71010 or -71070
Fax: +49 761 270 77600
ilka.bondzio@uniklinik-freiburg.de

Clinical contact persons Freiburg:

Prof. Dr. Stephan Ehl (+49 761 270 77300 or +49 162 2852473, stephan.ehl@uniklinik-freiburg.de)

Dr. Thomas Vraetz (+49 761 270 43010, thomas.vraetz@uniklinik-freiburg.de)

Shipping address Freiburg:

University Hospital Freiburg
CCI Advanced Diagnostics
Breisacher Strasse 117 – 2. OG
79106 Freiburg