



**NOPHO  
LEUKEMIA  
BIOBANK**

Laboratory ID:

Adress of sender (unit, hospital, country, phone)

Patient identification (name and national identification number)

**Date of sampling**

Year: 20\_\_\_\_\_

1 2 3 4 5 6 7 8 9 10 11 12

**Month**

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31

**Day**

00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23

**Hour**

Included in ALLtogether  Yes  No

Consent has been obtained  Yes  No

NOPHO nr: \_\_\_\_\_

Castor nr: \_\_\_\_\_

No study number yet

Diagnosis  Day 15  Day 29  Day 50  Day \_\_\_\_\_  Remission sample

Suspected relapse  Verified relapse  Evaluation of relapse-therapy

B-Leukocytes, WBC \_\_\_\_\_ 10<sup>9</sup>/L

Other information:

Bone marrow

Blood

Plasma

Serum

Liquor

Time for sampling	Diagnosis	Day 15	Day 29	Day 50	Remission	Relapse
<b>ALL ALLtogether</b>	Bone marrow, blood, serum, plasma, liquor	Bone marrow, liquor	Bone marrow, liquor	Bone marrow High risk patients	Blood in remission	Bone marrow, blood, serum, plasma, liquor
<b>ALL except ALLtogether</b>	Bone marrow, blood, serum, plasma, liquor				Blood in remission	Bone marrow, blood, serum, plasma, liquor
<b>AML</b>	Bone marrow, blood, serum, plasma, liquor				Blood in remission	Bone marrow, blood, serum, plasma, liquor
<b>Other diagnoses</b>	Bone marrow, blood, serum, plasma, liquor					Bone marrow, blood, serum, plasma, liquor

**Sampling instructions:**

- Bone marrow: 2-5 ml in NatriumHeparin- or EDTA tube with the addition of 2 ml Sodium Chloride 0.9%
- Peripheral blood: 10 ml in NatriumHeparin- or EDTA tube (if WBC <50 2 tubes)
- Peripheral blood: 10 ml in EDTA tube for plasma preparation
- Peripheral blood: 2-4 ml in serum tube
- Liquor: 2-5 ml without additives

**Laboratory instructions:**

**Bone marrow and blood** should be stored at room temperature.

**Plasma**

Centrifuge the EDTA tube for 10 minutes at 2000g and transfer plasma into one or more 1 ml cryo tube. If you do not have the opportunity to spin you may send EDTA tube as it is. Label the tubes with patient identification and sample material.

**Serum**

Centrifuge the serum tube for 10 minutes at 2000g and transfer serum into one or more 1 ml cryo tube. If you do not have the opportunity to spin you may send serum tube as it is. Label the tubes with patient identification and sample material.

**Liquor**

Centrifuge for 10 minutes at 300g.

The supernatant is aliquoted to one or more 1 ml cryotubes.

Pipet carefully and not all the way to the bottom of the tube as it is important to have a cell-free supernatant.

Dissolve the pellet in the centrifuged tube(s) with a total of 1 ml freezing medium and transfer to a 1 ml cryotube.

If you do not have access to freezing medium, centrifuge the tubes and aliquot the supernatant into one or more 1 ml cryotubes. The primary tube with cell pellet (please note that the cell pellet may not be visibly seen) is sent together with the aliquotes.

If you don't have the opportunity to spin the tubes split the liquor into one or more 1 ml cryotubes

Label the tubes with patient identification and sample material (supernatant, cells or liquor).

Freeze all tubes at -80°C.

**Transportation:**

Transportation of the sample is arranged and paid for by each hospital.

Frozen liquor is sent by freezer transport batchwise.

The samples are sent at room temperature, except liquor, to Uppsala Biobank immediately after sampling. It is important that the samples arrive at the lab as soon as possible in order to maintain the sample quality.

Samples can be sent any day of the week.

**Contact:**

Uppsala BioLab +46 18 617 23 88

info@uppsalabiobank.se

Send sample and referral form to:

**Klinisk Kemi och Farmakologi**

**Provinlämningen, ingång 61, 2 trappor**

**Akademiska sjukhuset**

**751 85 Uppsala**

**Sweden**