



NOPHO
LEUKEMIA
BIOBANK

Laboratory ID:

Address of sender (unit, hospital, country, phone number)

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

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

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 _____ 10⁹/L

Other information:

Bone marrow

Blood

Plasma

Serum

Liquor

Time for sampling	Diagnosis	Day 15	Day 29	Day 50	Remission	Relapse
ALL ALLtogether	bone marrow, blood, serum, plasma, liquor	bone marrow, liquor	bone marrow, liquor	bone marrow (high risk patients)	blood at remission time	bone marrow, blood, serum, plasma, liquor
ALL except ALLtogether	bone marrow, blood, serum,				blood at remission time	bone marrow, blood, serum
AML	bone marrow, blood, serum,				blood at remission time	bone marrow, blood, serum
Other diagnoses	bone marrow, blood, serum,				blood at remission time	bone marrow, blood, serum



Sampling instructions:

- Bone marrow: 2-5 ml in NatriumHeparin- or EDTA tube with the addition of 2 ml Sodium Chloride 0.9%
- Peripheral blood: up to 10 ml in NatriumHeparin- or EDTA tube (if WBC <50 2 tubes)
- Peripheral blood: 3 ml in EDTA tube for plasma preparation
- Peripheral blood: 2 ml in serum tube for serum preparation
- Liquor: 2-5 ml without additives

Laboratory instructions:

Bone marrow and blood should be stored at room temperature.

Plasma

Centrifuge the EDTA and citrate tubes for 10 minutes at 2000g and transfer plasma into at least two aliquotes in 1 ml cryo tubes. If you do not have the opportunity to spin you may send tubes 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 into at least two aliquotes in 1 ml cryo tubes. 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 into at least two aliquotes in 1 ml cryo tubes.

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 is not 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, cellpellet or liquor).

Freeze all tubes at -80°C.

Transportation:

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

The fresh samples are sent at room temperature, except liquor, to Uppsala Biobank/NOPHO Leukemia 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.

Frozen liquor is sent by freezer transport batchwiswe.

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

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