# Revision changes

Translation oversight corrected.

# 1. Goal

To describe how heparin plasma (10 ml) must be prepared and stored within the framework of the Parelsnoer Institute for the purposes of the Radboud Biobank, so that:

1. Potential users know how the biomaterial has been handled.
2. The laboratory preparing the biomaterial for storage knows the minimal requirements for the handling of it.

## 1.1 Scope of application

This procedure is applicable to all employees concerned at the Radboud Biobank and the Radboud Laboratory for Diagnostics.

# 2. Protocol heparin plasma 10 ml

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| **Collection** |  |
| Fasting patient | Dependent on the requirements of each Pearl/sub-biobank. |
| Delivery | In collection tube. |
| Type of tube | Standard 10 ml tube, without gel, without protease inhibitors  BD tube 367526 or equivalent. |
| Temperature | Keep the tubes at room temperature until preparation. |
|  |  |
| **Preparation** |  |
| Time until freezing | Prepare and freeze the collected blood as soon as possible.  Aim: within 2 hours.  Maximum: within 4 hours. |
| Centrifuge | g-force: 2000g  Time: 10 minutes.  Temperature: At room temperature. |
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| **Storage** |  |
| Register | Register the microtubes in the biobank management system and attach a cryovial label. |
| Aliquotation | Store the biomaterial in 0.5 ml aliquots to a maximum of 6 aliquots. If there is biomaterial left over add it to the 6 aliquots. |
| Type of tube | 2 ml polypropylene microtube and screw-top with O-ring.  GREI722301UMC and GREI368380UMC or equivalent. |
| Temperature | -80°C |
|  |  |
| **Miscellaneous** |  |
| Deviations | Note all deviations from this procedure in the biobank management system. |

# 3. Quality assurance

Review takes place via an internal audit (see the audit plan).

## 3.1 Performance indicator

95% of the relevant samples have been prepared and stored within the parameters of this procedure.

# Comments

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# 5. Relevant documents

Qdocs, literature, legislation and codes of conduct, website etc.

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| **link** | **Titel** |
| [Qdoc 045014](http://qportaal.umcn.nl/iProva/iDocument/?DocumentID=ea863439-a10f-4922-b285-9c8666a213f8) | Radboud Biobank voorschrift RLD (NB alleen bestemd voor medewerkers RLD) |
| [Bio-16206](https://dms.umcn.nl/afdelingen/biobank/_layouts/15/DocIdRedir.aspx?ID=Bio-16206) | Monstermanagement RLD t.b.v. Radboud Biobank |