

ENROLLMENT

E. Lab Request – Cord blood antibodies

The purpose of the cord blood antibody testing is to see if there are any diabetes antibodies present at the time of birth. This is done on the plasma from the NEC and NOC children that are enrolled in to the DAISY follow-up study. This procedure is done at the same time and for the same children as the Roche QC's.

List of Samples to Send

Samples for newly enrolled NECs and NOCs should be sent to the Barbara Davis Center about once/month. To obtain a list of samples that need to be pulled and sent, open the database at L:\daisy\CordBloodAndRocheQc.

Press the “Samples to Pull” button on the Cord Blood Antibody Menu. This button runs *mcrSwitchCbMain.pull*, which will add the ID numbers of all newly enrolled NECs, NOCs and CNECs to *tblCordBloodAntibodies*. It will then generate a printed list of samples to be pulled and sent. The list includes the ID, name, date of birth, and CB-box number in which the samples are stored.

Processing Samples

Using the list generated from the database, pull the samples from their respective boxes in the freezer. Assign each sample a barcode ID. This barcode ID sticker will be placed on the Cord Blood Antibody tracking form. It will also be placed on the tracking form for samples sent to the BDC for initial antibody testing (the same form that is used for sending samples collected in clinic). On this form, the DAISY ID and date will also be recorded. A barcode sticker will also be placed on the outside of the corresponding tube containing the plasma, after first removing, with acetone, the DAISY ID and date written on the tube. All of the cord blood plasma samples to be sent will be placed in the small Nalgene box labeled DAISY AB'S. Label this box with the date and “Cord Blood Plasma”. Rubber band the BDC tracking form to the box. The box will be taken to the Barbara Davis Center with the rest of the shipping boxes for antibody testing. The Cord Blood Antibody tracking form will be filed in the “Roche QC” binder, under “Cord Blood Antibodies”.

Entering labid and date sent in the database

The labid assigned to the sample is entered into the CordBloodAndRocheQc database by pressing the ‘Assign Labid’ button and then typing in the labid for each sample. The final step is to update the date that the samples were sent to the BDC. This is done by pressing the ‘Update Date Sent’ button and entering the first and last labid in the series.

Importing Results

Results are imported from the database at: L:\daisy\BdcImport by pressing the ‘Import Results’ button. Results are only imported if all three antibodies have been tested (GAA, BDC512 and MIAA). A list of late results prints at the end of the import procedure. Liping Yu at the BDC lab should be contacted to check on any late results.