

The submission of liquid biopsy samples is requested for **all INFORM patients with solid and brain tumors** but is **not mandatory** for INFORM inclusion.

The collected liquid biopsies are currently **for research purposes only** and serve no diagnostic purpose.

Acquisition of the first liquid biopsy sample should ideally happen before surgery. If not possible, please collect as early as possible after surgery. Additional sample collections are requested at routine follow-up such as standard imaging techniques (e.g. MRI or CT scans), each sample with at least 4 weeks in-between.

Recommended collection tubes:

- PAXgene **ccfDNA Blood** Tube (QIAGEN)
- Streck **Cell-Free DNA** Tube CE (Streck)

Avoid RNA conservation tubes!

As usual, all samples have to be **accompanied by a shipment sheet generated in Marvin.**

Register patient in MARVIN and INFORM beforehand and fill in registration form completely.

Request PAXgene ccfDNA Blood Tubes and shipping boxes at INFORM_liquidbiopsies@dkfz.de.

Generate the **shipment sheet for Liquid Biopsies** in Marvin.

Collect liquid biopsy using **PAXgene Blood ccfDNA Tubes** or **Streck Cell-Free DNA Tubes**. Gently **invert tubes 8-10 times** after collection.

Label each tube with the INFORM-ID and collection date, store at room temperature and **ship via normal post** in shipping box provided by us to:

**Deutsches Krebsforschungszentrum
INFORM Liquid Biopsy Projekt
B062 - Pädiatrische Neuroonkologie
z.Hd. Kendra Maaß
Im Neuenheimer Feld 580
69120 Heidelberg**