

## TUMOR TISSUE COLLECTION

### SUPPLIES (to be furnished by Hospital):

- sterile collection container(s): standard cryo-vial(s) or specimen cup(s)
- sterile saline or phosphate buffered solution
- sterile scalpel
- packaging tape

### PROCEDURE:

#### Tissue Collection

After the tumor is resected, and a portion of the tumor tissue is sent to the Pathology Department for evaluation, collect all of the remaining tumor tissue (**maximum amount possible - hopefully at least 3-5 grams**), in the sterile environment of the Operating Room using the following steps. *The more tumor tissue that is collected, the more doses of DCVax@-L that can potentially be made.*

1. Place tumor tissue on a sterile surface in the Operating Room such as a Petri dish or autoclaved tray.
2. Rinse blood and debris from surface of tumor tissue using sterile saline or phosphate buffered solution. Remove all of the rinse solution from the tumor tissue before putting it into a collection container.
3. Place the rinsed tumor tissue in one of the following containers (listed in order of preference).  
**Do not put any preservative or other agent into the container with the tissue.**
  - Cryovial (multiple tubes may be used)
  - Specimen cup with screw cap
  - Specimen cup with snap-on cap
4. Place the cap(s) on the collection container(s)/tube(s). Ensure each cap is secure.
5. Record the following information on each container/tube/specimen bag of tumor tissue:
  - The words "**Human Tumor**"
  - **Patient's Initials** (1<sup>st</sup> character of given name, 1<sup>st</sup> character of middle name (if any\*), and 1<sup>st</sup> character of surname). (\*If there is no middle name, put a dash between the first and last initials as a placeholder). If there is more than one middle name, use only the initial of the first of those names).
  - **Patient's Date of Birth (DOB)** (arranged as follows: **DD/MON/YY** (where MON represents the first three (3) letters of the month
  - **Date of Surgery/Tissue Collection** (arranged as follows: **DD/MON/YY** (where MON represents the first three (3) letters of the month

#### Tissue Freezing

1. The tissue should remain at ambient temperature for no more than 4 hours after resection, if possible.
2. Within 4 hours, place the labeled specimen container(s) in a freezer at -70 or -80 degrees C. If such a freezer is not immediately available, the specimen container(s) can be placed in a freezer at -20° C or colder freezer to hold on a temporary basis while arrangements are made for storage in a -70 or -80 degrees C freezer. *Do not allow the tumor tissue to thaw when it is transferred.*
3. Ideally, within a few months after the initial freezing, if the tumor tissue is still being stored and has not been used (e.g., to produce a treatment product), the tissue should be moved to a liquid nitrogen freezer at -150° C or colder. *Do not allow the tumor tissue to thaw when it is transferred.*

If there are any questions please contact your patient liaison:

Sue Goldman, Director Patient Affairs, NWBio [sue@nwbio.com](mailto:sue@nwbio.com)