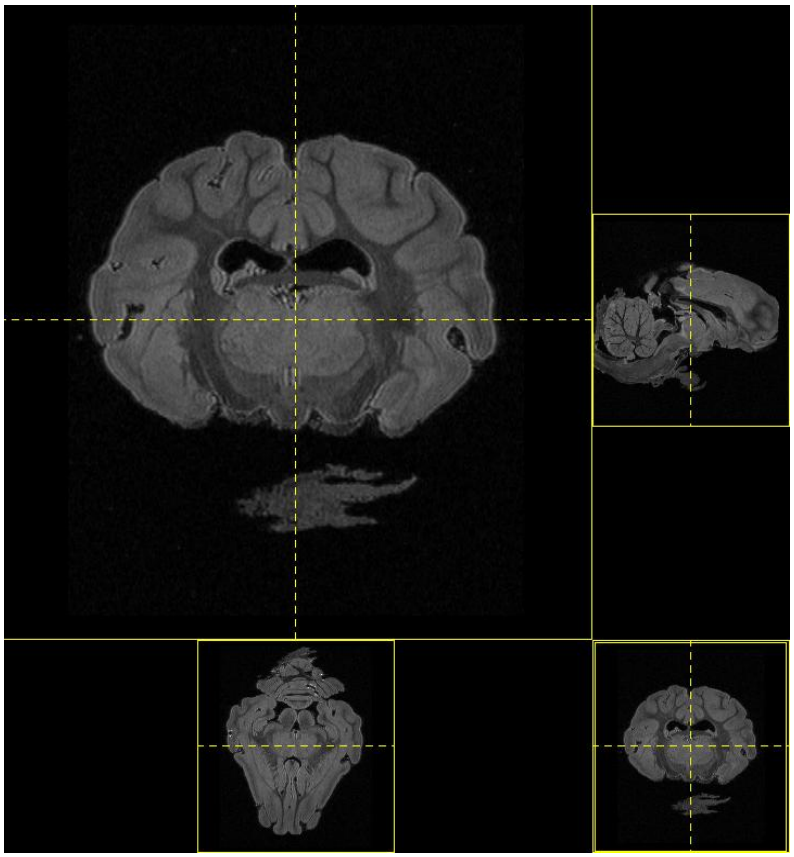
Protocol: High Resolution Fixed Large Brain

Purpose

High resolution, T2 weighted imaging of *ex vivo* larger brains (up to 8 cm long axis).



Large Brain Protocol – "C_FixedLargeBrainHighResolution"				
Type	**Scan Name**	**In-plane resolution, slice thickness**	**Fov**	**Scan time**
Localizer	1_tripilot			
T2 weighted	2_TurboRARE3D_117x469x625_1h	117µm x 469µm, 625µm	6cm x 6cm x 8cm	1 h
T2 weighted	3_TurboRARE3D_234x234x400_3.4h	243µm x 234µm, 400µm	6cm x 6cm x 8cm	2.5 h
T2 weighted	4_TurboRARE3D_117x234x305_3.4h	117µm x 234µm, 305µm	6cm x 6cm x 8cm	3.4 h

Author: bob 3/23/2012

Instructions

1. **Prepare the sample:** Place the sample on a sample holder that fits Coil A.
2. **Center the sample:** Center the sample in the RF coil center, then position the coil at isocenter in the magnet.
3. **Match, tune and set up scan as usual.**
4. **Load protocol:** Scans in this protocol are located in "C_LargeBrain." After the localizer scan run the TurboRARE3D scan with the appropriate resolution as indicated in the table above.

Notes

- Coil A, 72mm ID quad coil.

Post-Processing Support

File conversion to DICOM, afni brik and niftii format.