

Materials List for:

Cerenkov Luminescence Imaging of Interscapular Brown Adipose Tissue

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Materials

Name	Company	Catalog Number	Comments
Optical Imaging system	Perkin Elmer		IVIS Spectrum is an optical imaging system that is equipped with very sensitive camera for Cerenkov Luminescence. Some instrumental information is listed below: CCD Sensor: Back thinned, back illuminated CCD Size: 2.7 cm x 2.7 cm Pixels: 2048 x 2048 Quantum Efficiency: 85% Min detectable photons: 70 photons/s/sr/cm ² Dark Current: <100 electrons/s/cm ² Lens: f 0.95 50 mm CCD Cooling: Cooled to 90 degree.
¹⁸ F-FDG	IBA Molecular		
norepinephrine	Sigma	N5785-250MG	
Ketamine/Xylazine	Sigma	K113-10ML	