

University of Washington

Standard Operating Procedure: Porcine Tissue from Grocery Stores and from Abattoirs	
#1 Process	Handling food grade pig tissue and pig tissue from abattoirs.
#2 Bacteria	Food grade animal tissue is not a biohazard. There is a small risk for exposure to bacteria from raw pork. However, at the abattoir, due to the potential for inconsistent handling, a risk for bacterial exposure is present. Most common bacterial contamination includes: <i>Streptococcus suis</i> , <i>Brucellosis suis</i> , and <i>Mycobacterium tuberculosis</i> (also <i>M. bovis</i> and <i>M. avian</i>).
#3 Personal Protective Equipment (PPE)	All the following are required: Laboratory coat, latex or nitrile gloves, and goggles or safety glasses with side shields.
#4 Environmental/Ventilation Controls	Perform procedures on bench top on plastic backed absorbent pads in dissecting trays.
#5 Special Handling Procedures & Storage Requirements	Work on plastic backed absorbent pads in dissecting trays.
#6 Spill and Accident Procedures	<ol style="list-style-type: none"> 1. Cover spill with paper towels or other absorbent material. Wipe up spill and clean contaminated work surfaces, walls, and equipment with 10% bleach. 2. Double-bag contaminated paper towels and other spill clean-up materials and dispose of bag directly in the dumpster. 3. Remove any contaminated personal protective equipment in a manner to avoid cross-contamination and dispose of per standard lab practices; WASH HANDS THOROUGHLY after removing gloves. <p>Personal exposure:</p> <ul style="list-style-type: none"> • See EH&S Emergency Poster
#7 Waste Disposal	Discard used absorbent pads and animal tissue by double-bagging and placing directly in the dumpster. Keep the animal tissue frozen until garbage pick-up day. Discard scalpel blades and other disposable sharps in a sharps container placed in close proximity to the dissection work.
#8 Approval Required	Staff training on this SOP prior to work with food grade porcine tissue.
#9 Decontamination	Wash instruments used to dissect the tissue and disinfect with 10% bleach. Use 10% bleach to disinfect the work surface at the completion of the dissection.
#10 Designated Area	
Name:	Title:
Signature:	Date: