

U-M IBC Guidance for Animals Administered Human-derived Substances

Date: Approved by the U-M IBC at its 15 July 2016 meeting.

Housing containment for animals administered human-derived substances:

ABSL2: Human tissue (normal or diseased), body substances (for example: stool, blood, urine), cells, or cell lines.

ABSL1: Human cells, tissues or other body substances that have been demonstrated to be free from blood-borne pathogens and other infectious agents (*i.e., through screening and documentation of screening results**).

*ACUO/ULAM/SEH may, upon verification of screening results, reclassify animal housing containment to ABSL1. Screening results must be maintained by investigators and made available to ACUO/ULAM/SEH upon request.

*See required pathogen screening list on next page.

Human pathogen screening for ABSL1 housing evaluation:

For human-derived substances obtained from vendors/repositories that routinely screen for human pathogens (e.g., ATCC), investigators may submit the screening results from the vendor.

For human-derived substances obtained from patients or from vendors that do not routinely screen for human pathogens, investigators must have the substances screened. At a minimum, the screening panel should include the following human pathogens:

- Human Immunodeficiency Virus 1-2 (HIV 1-2)
- Hepatitis B (HBV)
- Hepatitis C (HCV)
- Human Papillomavirus (HPV)
- Epstein-Barr Virus (EBV)
- Cytomegalovirus (CMV)
- Human T-cell Lymphotropic Virus 1-2 (HTLV 1-2)