

Sort Sample Request Form

The University of Massachusetts Flow Cytometry Core offers sorting for BSL2, BSL2+ and BSL3 categorized cells of human or animal origin. The safety of the staff and users of the facility is the ultimate concern when sorting unfixed samples containing unscreened human or nonhuman primate cells, known infectious agents (\geq risk group 2), or recombinant or synthetic nucleic acid molecules or vectors. Therefore, information about the sample source and potentially biohazardous agents is critical for effective biosafety risk assessment.

Please refer to our web site: <http://www.umassmed.edu/facslab/> for available machines.

This form must be filled out completely and signed by the principal investigator for EACH sort requested.

Appropriate biosafety approval by the IBC and the core facility is required prior the use of the machine.

Without the proper risk assessment enabled by this questionnaire and supporting information, the samples will NOT be sorted or self-sorting will be refused.

Name and Laboratory:

IBC Docket Number for cell sorting if applicable

IBC Docket biosafety level:

<input type="checkbox"/>	BSL1	<input type="checkbox"/>	BSL2	<input type="checkbox"/>	BSL2+	<input type="checkbox"/>	BSL3
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Are these samples of human origin?

<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
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If yes, were the samples (or donors) screened for blood borne pathogens?

(Syphilis, Hepatitis B&C, HIV 1&2, HTLV I/II, West Nile Virus)

<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
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If not of human origin, list the species:

Have human cells or tissue been involved in

producing/preparing these samples?

<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
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Do the samples contain known infectious agents?

<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
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If yes, list the infectious agent(s)

Have (potential) infectious agents been inactivated?

<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
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If yes, describe the inactivation method

Do the samples contain recombinant or synthetic nucleic acids?

<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
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If yes, list the vector by name and describe the method of delivery of the r/s NA molecules: (e.g. transfection with expression plasmid, lentivirus transduction)

If a viral vector was used for transduction, was the viral preparation shown to be free of replication-competent virus?

<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
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Can the original vector be used to infect human cells?

<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
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Were exogenous genes transferred into the cells?

<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
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If yes, list the genes;

Are any of these genes oncogenes or toxins?

<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
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Principal Investigator Signature:

Date:

If you have any questions please feel free to contact us at 6-3276 or Carol Schrader at 6-6008.