



Consorcio para la Construcción, Equipamiento y Explotación del Laboratorio de Luz Sincrotrón - CELLS

BIOLOGICAL SAMPLES

Beamline and other areas of presence at ALBA Synchrotron:

Detail the Beamline, the support laboratories (Chemistry, Biology, Materials Science, etc...) and other CELLS sites where the user will carry out their activities:

Biological sample description

Substance	
Brief sample description	
Number of samples and concentration, if applicable	

Attachments

We remind you, you should attach the Material Safety Data Sheet (MSDS) o equivalent document in PDF file.

Depending on the nature of the sample, maybe the MSDS is not available. If so, the equivalent document should be written by a Biosafety Committee, or similar, with a recognized panel of experts. The criteria used in their evaluation must be clearly stated.

Sample safety

Hazard category	Choose an item
Biological agents: please specify the biological classification according to the legislation (*)	Choose an item



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If your samples is genetically modified, please provide the authorization number from the respective government body

If your samples is Non aggressive pathogen to human or Pathogenic to Animal/Plants Samples, please provide: potential hosts, details of source organism, expression vector

Information:

Genetic Modification: be aware that class 1 GMOs have a unique authorization number, but each class 2 GMO sample type has its own number.

- (1) **Human or Animal Tissue Samples:** please, attach the corresponding declaration to your proposal. [Template](#).
- (2) **Animal Sample:** provide the permit number from the Animal Tissue Authority. Ethical approval is required. Please attach both documents to the proposal. (**).

This information is MANDATORY for your proposal to be accepted.

Legislation:

(*) - Royal Decree 664/97, about workers protection against hazard or risk regarding the exposition to biological agents at work.

- Royal Decree 178/04, which sets the legislation for the confined use, voluntary liberation and commercial handling of/with genetically modified organisms.

(**) - Royal Decree 1201/2005 of July 30 which regulates the use of animals for experiments and other scientific purposes.

Specific hazard

Choose an item

Comments

Non-human Tissue Sample: please give source and details on reliability of claimed absence of pathogens where applicable.

Safety precautions to be taken in ALBA facilities

Choose an item

Comments

Biological containment =2: please be aware ALBA can only accommodate containment not higher than level 2 experiments.



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Further safety information related
with the sample itself or any
preparation process that will be
done at ALBA

Technical information

Transport Container (capillary, SPINE pin, plate, type of pressure cell, etc.) Mandatory for XALOC		
Source Organism / Expression system Mandatory for XALOC		
Crystal dimensions Mandatory for XALOC	Length (micrometers)	
	Width (micrometers)	
	Height (micrometers)	
Additional information, if necessary: previously observed diffraction (resolution, X-ray source, exposure time, etc.) Mandatory for XALOC		
Detectors to be used		

The yellow are mandatory