Biological Risk Management and Containment

IMPORT DECISION REFERENCE GUIDE
INTRODUCTION

This quick reference guide is designed to assist users to select the correct import permit.

The mentioned import permits are owned by The University of Auckland Containment Facility, which includes the School of Biological Science (Faculty of Science) and Faculty of Medical and Health Science only. If the importer is not in these containment areas, they will only be able to import unrestricted items, i.e., items that in this guide would fall under a general permit.

There are some warnings in the guide which you should heed:

• The Import Health Standard BIOLOGIC.ALL covers many products including kits and media containing BSA. These items do not require an import permit, but they do require a manufacturers declaration. Please check with your DLP for more information.

• Plasmids are sometimes shipped in transformed \textit{E.coli}. Be sure that the plasmid is shipped as pure DNA to qualify under BIOLOGIC.ALL.

• Some human cell lines have been immortalised using SV40 or hTERT and therefore qualify as genetically modified. Check with supplier of cell lines (the ATCC website is a good source of information) as to whether it has been transduced or if it has been derived from a tumour or neoplasm.

Please note: This is document is for guidance only, exceptions may apply as not all the eventualities can be covered. If the item you want to import does not fit into one of the categories mentioned in the guide or you are unsure about which permit to use, please see your DLP (designated laboratory person).

Importation of biologicals can be complex and under the Biosecurity Act can invoke strict liability offenses. Please seek assistance if you are unsure. More detailed guidelines and training aids are available from the Hazard and Containment team at: Hcteam@auckland.ac.nz

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Human specimens, purified DNA and plasmids

Is the item specimen or tissue from humans?
  YES
  Does it contain viable infectious agents?
  NO
    No permit required
  YES
    Viable or Viable GMO – check with containment

Is the item purified DNA or plasmids?
  YES
  Manufacturer Declaration required on BIOLOGIC.ALL

WARNING: Plasmids from Addgene shipped in transformed E. coli

Is the item replication defective adenoviral or retroviral vectors?
  YES
  General permit and declaration.
  Note: This is a unique declaration, specific to these imports.
Proteins

1. Is the item purified protein?
   - NO

2. Is the purified protein bovine in origin?
   - NO

3. Is the purified protein commercially manufactured and packaged?
   - NO

   Restricted non-viable permit.
   May be covered on BIOLOGIC.ALL with a manufacturer declaration

   Purchase NZ sourced BSA!

   Manufacturer Declaration required for BIOLOGIC.ALL

   Restricted non-viable permit
Antibodies

Is the item antibodies? ▶️

Is the antibody commercially manufactured and packaged? ▶️

YES

Is the antibody raised in mouse, rabbit, rat, hamster or guinea pig? ▶️

YES

General permit

WARNING: Antibodies from donkey, goat, alpaca and chicken also require a declaration regarding health status

NO

NO

Is the antibody raised in donkey, goat, chicken or alpaca? ▶️

YES

Restricted non-viable permit unless your supplier can confirm animal health

NO

See your DLP as this will involve delays

Restricted non-viable permit
Detection kits and media

Is the item a detection or test kit (e.g. ELISA)?
- YES
  - Manufacturer Declaration required as per BIOLOGIC.ALL

Is the item media?
- YES
  - WARNING: Check with supplier
  - Does the media contain BSA or any animal derived supplements?
    - YES
      - Manufacturer Declaration required as per BIOLOGIC.ALL
    - NO
  - NO

Is it sterile?
- YES
  - No permit needed
- NO
  - Manufacturer Declaration required as per BIOLOGIC.ALL
Cell lines

Is the item a cell line? YES
   Is the cell line genetically modified? YES
      GM permit and see your DLP about appropriate HSNO approval
   YES
      No permit required, see DLP for paperwork
   NO
   Is the cell line from human tumours or a primary cell line? YES
      Restricted viable permit
   NO
   Is the cell line from species named on restricted viable permit? YES
      See your DLP as this will involve delays
   NO

WARNING: Check with DLP as some human cell lines transduced to immortalise
Animal (Non human) tissues

Is the item fixed animal tissues?

YES

Are the tissues fixed on slides?

YES

WITH coverslips

Manufacturer Declaration as per BIOLOGIC.ALL

NO

WITHOUT coverslips

Restricted non-viable permit

NO

Are the tissues fixed using approved preservation methods listed on BIOLOGIC.ALL

YES

- 10% formalin or 70% EtOH
- 2-4% Gluteraldehyde for electron microscopy

Manufacturer Declaration as per BIOLOGIC.ALL

NO

Are the tissues lysed and preserved in RNA later or RNA Protect?

YES

Restricted non-viable permit

NO

Is the item unfixed animal tissues?

YES

Is the animal CITES protected?

YES

Your laboratory will need to be CITES registered for import to proceed

NO

Restricted non-viable permit