Classification Flowchart

Sample

- Are all microorganisms present non-pathogenic to humans and animals?
- Have the pathogens present been neutralized or inactivated so they no longer pose a health risk?
- Is it a dried bloodspot or fecal occult blood? Is it intended for transplant/transfusion?
- Is it known NOT to contain an infectious substance?

NO/UNKNOWN

Is your sample a non-pathogenic genetically modified organism or microorganism?

YES

NO

Does your sample contain a preservative?*

YES

NO

See Flowchart B

UN 3245

GMO

Not Regulated

See Flowchart C

See Flowchart D

Is your sample in a form on the list of indicative examples of Category A Infectious substances?

- or -

Is your sample capable of causing permanent disability, life-threatening or fatal disease in otherwise healthy humans or animals?

YES

NO/UNKNOWN

Does your sample contain a preservative?*

YES

NO

What is the maximum quantity of preservative per primary receptacle?*

≤ 1 mL

≤ 30 mL

≤ 500 mL

What is the maximum quantity of preservative per primary receptacle?*

≤ 30 mL

≤ 500 mL

Exempt

Exempt

Exempt

Exempt

Exempt

Exempt

EQ

EQ

EQ

EQ

LTD QTY

LTD QTY

LTD QTY

LTD QTY

UN 3373

UN 3373

UN 3373

UN 3373

1 Anyone classifying an infectious substance must be trained and certified.

2 In determining if a patient specimen has a "minimal likelihood that a pathogen is present," an element of professional judgment is required. That judgment should be based on known patient medical history, symptoms and individual circumstances of the source (human or animal) and endemic local conditions.

3 A preservative is any substance that is used to neutralize or inactivate a pathogen, and which may also be classified as a dangerous good, for example: ethanol, formalin or formaldehyde.

4 For primary receptacle quantities exceeding 500 mL, the shipment should be a fully-regulated dangerous good.

5 Exempt – Exempt Human or Animal Specimen

EQ – Exempted Quantity

LTD QTY – Limited Quantity

GMO – Genetically Modified Organism or Microorganism