

***Sample shipment and submission instructions***  
***Serology samples***

When sending serology samples, please note the following

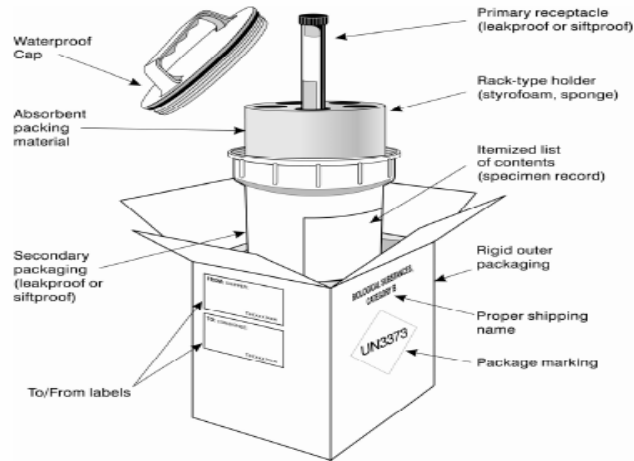
- Only serum needs to be sent, not blood.
- Either the owner of the sample or Vaxxinoa's clearing agent needs to declare that:
  - The samples are from poultry, the origin is the country where the samples are shipped from.
  - Samples are being sent for research purposes.
  - The samples have been heat inactivated at 56°C for a duration of 30 minutes.
- Before blood withdrawal, please label the test tubes with the name of the flock and the sampling code.
- **In order to arrange an import license with the Jordanian Ministry of Agriculture, please e-mail us 2-3 days before you send the shipment the following information:**
  - **Sample Submission Form**
  - **FTA Cards Official Letter (if applicable)**
  - **Serum Official Letter (if applicable)**
- Samples need to be sent with DHL.
- Please send the samples at the beginning of the week, so that they arrive at the lab before the weekend.
- Before the samples are sent, please provide Vaxxinoa's staff with the Air Way Bill Number on the following e-mail addresses:

[Entisar.Hallaq@vaxxinoa.com](mailto:Entisar.Hallaq@vaxxinoa.com), [Rana.Ayoub@vaxxinoa.com](mailto:Rana.Ayoub@vaxxinoa.com), [Saida.Nour@vaxxinoa.com](mailto:Saida.Nour@vaxxinoa.com)

**Quantity of serum and samples**

- At least 0.5 ml per sample, especially when several tests are required.
- If there are issues on the farm, 2 sets of samples are required:
  - Upon appearance of clinical signs.
  - Two weeks after the first appearance of the clinical signs
- Please provide a minimum of 25 samples per flock, per appearance.
- For samples of broilers for monitoring samples, samples need to be taken at the following days:
  - Day 1
  - 10 days old
  - 20 days old
  - Day of slaughtering

## Packaging instructions



- Samples packaged please in 3 packages **(as shown here)**
- First internal package: labelled screw cap tubes surrounded by ice.
- Second package: container that guarantees fluid of samples will not flow out, if any leakage occurs (i.e. ice box).
- External package: rigid box that prevents any leakage.
- The following information must be mentioned on the outer package:

\* Name and address of sender.

\* Name and address of recipient:

**Vaxxino International BV- Amman-Jordan**  
Queen Rania Al-Abdullah Street  
Al Otoum complex: building #22  
P.O. Box: 960809, Amman, 11196, Jordan  
Tel: +962 6 5153111, Fax: +962 6 5151488

\* The following text: "Samples are serums for research purposes"

\* Number of samples

## ***Sample shipment and submission instructions***

### ***Molecular samples***

- Please send FTA cards only.
- Please make sure to take samples from living animals.
- ~5 samples from different chickens can be pooled on the same circle of the FTA cards. Samples need to be taken from the same organ and flock.
- Avoid mixing swabs and/or tissues from various organs.
- Place the cards into a proper envelope, marked with UN3373 mark.
- Place the FTA card details in a separate bag and attach them to the FTA cards.
- Send the cards by DHL courier and inform VaxxinoVA's lab staff for follow up.

Below, please find type of samples and when to take samples for Gumboro, IBV, AIV, NDV, Mycoplasma, ILT, FAdV, Salmonella and Reo:

#### **Gumboro samples during clinical phase:**

Samples need to be taken from the bursa.

#### **IBV samples:**

Samples should be taken from ceecal tonsils / trachea / lung / kidney / oviduct / intestinal tract / cloaca at several days to 1 week after infection.

#### **AI samples during clinical phase:**

Trachea / lungs / airsac and sinus exsudate / cloaca swabs (wild birds) / oropharyngeal swabs.

#### **ND during the clinical phase:**

Cloaca swabs / trachea swabs / brain tissue in case neurological signs are present / lungs / spleen / liver / heart.

#### **Mycoplasma samples during the clinical phase:**

Samples should be taken from the choanal cleft / trachea / air sacs / lungs.

**ILT samples during the clinical phase:**

Trachea / lung.

**Fowl Adenovirus samples @ first week of infection:**

Liver / trachea / kidney.

**Salmonella samples during clinical signs:**

Liver / intestine / spleen.

**Reo samples during clinical signs:**

Liver / trachea / joints / spleen.

**Mareks samples:**

Feather / organs with lesions.

**CAV samples during clinical signs:**

Thymus / liver / spleen.