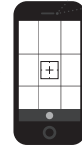


# POOLING SAMPLES

SURVEILLANCE ONLY / NOT FOR INDIVIDUAL DIAGNOSIS

1. OPEN CAMERA APP
2. FOCUS ON QR CODE
3. TAP BANNER TO WATCH VIDEO



## CONSIDERATIONS:

- POOLING SAMPLES MAY IMPACT DIAGNOSTIC SENSITIVITY.
- CONTACT YOUR VETERINARIAN TO DETERMINE IF POOLING SAMPLES IS APPROPRIATE AND NUMBER TO POOL.

- USE CLEAN SUPPLIES TO AVOID SAMPLE CONTAMINATION.
- LABEL SAMPLES WITH PERMANENT MARKER.
- KEEP CHILLED AFTER COLLECTION.

## SAMPLES APPROVED FOR POOLING:

- SWABS (NASAL, BLOOD, SPLEEN, ETC.)     BLOOD     SERUM

REFER TO TIER 1 AND TIER 2 SAMPLE TYPES FOR SPECIFIC SUPPLIES, RESTRAINT, AND COLLECTION INSTRUCTIONS. REFER TO SAMPLE SUBMISSION INSTRUCTIONS ON SAMPLE SUBMISSION PAGE.

## SWABS:

NOTE: NUMBER OF INDIVIDUAL SAMPLES MAY VARY

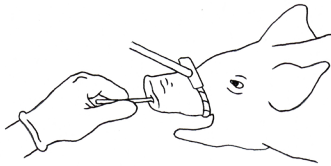
### STEP 1.

PUT APPROPRIATE AMOUNT OF TRANSPORT MEDIA INTO A 5 mL SNAP CAP TUBE.



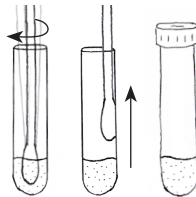
### STEP 2.

COLLECT A SWAB SAMPLE.



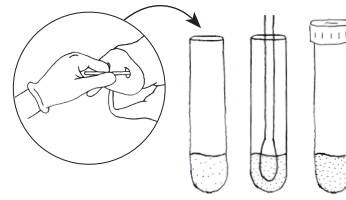
### STEP 3.

PUT SWAB INTO SNAP CAP TUBE. VIGOROUSLY SWIRL. REMOVE THE SWAB WHILE PRESSING IT ALONG THE SIDE. DISCARD SWAB.



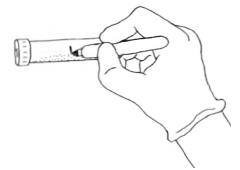
### STEP 4.

REPEAT STEPS 2 AND 3 UNTIL 5 TOTAL SWAB SAMPLES HAVE BEEN SWIRLED IN THE SNAP CAP TUBE.



### STEP 5.

UNIQUELY LABEL EACH POOLED SAMPLE.

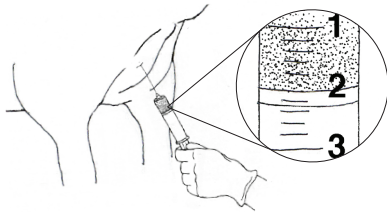


## BLOOD:

NOTE: NUMBER OF INDIVIDUAL SAMPLES MAY VARY

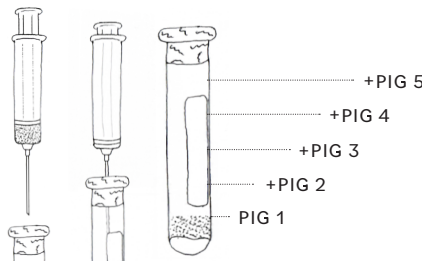
### STEP 1.

COLLECT 2 mL OF BLOOD FROM 5 DIFFERENT ANIMALS.



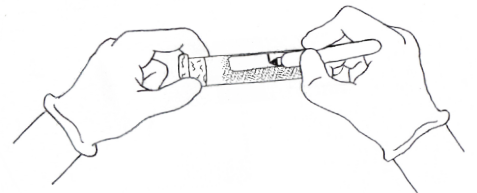
### STEP 2.

COMBINE ALL BLOOD INTO ONE TUBE FOR A TOTAL OF 10 mL.



### STEP 3.

UNIQUELY LABEL EACH POOLED SAMPLE.

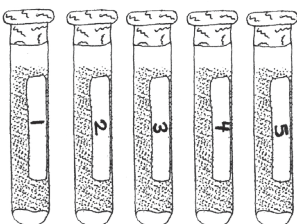


## SERA:

NOTE: NUMBER OF INDIVIDUAL SAMPLES MAY VARY

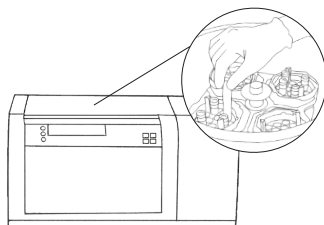
### STEP 1.

COLLECT 5 INDIVIDUAL BLOOD SAMPLES.



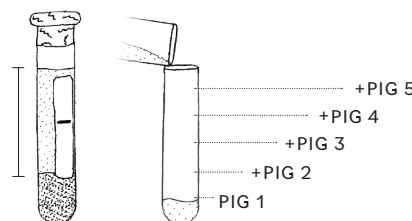
### STEP 2.

CENTRIFUGE BLOOD TUBES AT 3100 RPM FOR 8 MINUTES.



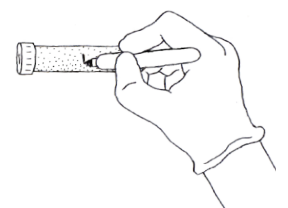
### STEP 3.

COMBINE EQUAL PORTIONS OF SERUM (TOP FRACTION) FROM THE SAMPLES INTO A SNAP CAP TUBE.



### STEP 4.

UNIQUELY LABEL EACH POOLED SAMPLE.



#### COLLABORATORS:

These materials were developed through a collaborative process between Swine Medicine Education Center, Center for Food Security and Public Health, American Association of Swine Veterinarians, National Pork Board, Multistate Partnership for Security in Agriculture and United States Department of Agriculture.

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#### ILLUSTRATIONS:

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