



AVS BIO

PLATE ANTIGENS

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PRESENTATION OVERVIEW

1. Avian Vaccine Services dba AVS Bio
2. What we do
3. Mycoplasma Plate Antigens



AVS BIO

(SPAFAS) - (Charles River - Avian Vaccine Services)

Our SPF technology provides vaccine manufacturers and researchers the comfort of knowing that the raw materials used in their manufacturing process are free of extraneous agents. As the world's largest commercial supplier, AVS Bio has established flock handling and egg production procedures that set the global industry standard. You can depend on our avian laboratory expertise to continue to develop product lines that offer the highest quality SPF poultry products.

- SPAFAS Founded in 1961
- 1961 to 1976- Private Ownership
- 1976 to 1992 – Merck Pharmaceuticals
- 1992 to 2022 – Charles River Laboratories
- 2015 – Sunrise Farms Acquisition
- 2022 – Avian Vaccine Services, LLC



SUPPORTING ALL YOUR VACCINE PRODUCTION NEEDS



Avian Vaccine Services, LLC

SPAFAS SPF EGGS

Distribution Worldwide

Poultry and Human Vaccine Manufacturers

USDA Memorandum 800.65 and European Pharmacopeia Compliant (5.2.2)



AVS BIO DIAGNOSTICS AND LABORATORY PRODUCTS

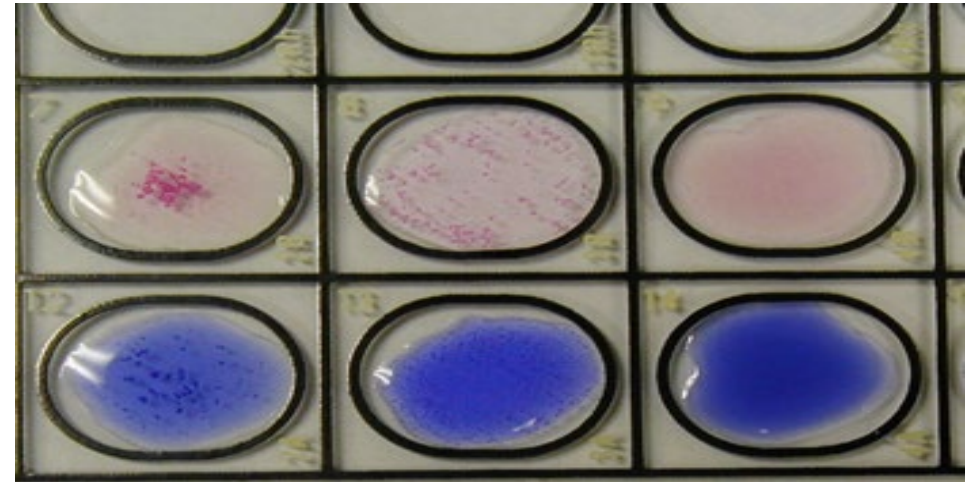
- Avian Reagents (AGP, HI, SN, virus stocks)
- AI Reagents for AGID testing
 - USDA Surveillance
- USDA Licensed Plate Antigens
 - Mycoplasma Gallisepticum, Synoviae, & Meleagridis
 - Salmonella Pullorum
 - Vineland/Lohmann/Elanco – No longer licensed
- MG & MS Whole Organisms for HA/HI Testing
 - Confirmatory testing



AVS BIO DIAGNOSTIC AND LABORATORY SERVICES

Testing Services

- Avian
- 9CFR Testing
- Development of Alternative Tests



Validated PCR Testing for Vertical Transmissible Agents (EP requirement)

- Adeno Group I and III, ALV (A-D, E, J), CAV, Reo, REV, Salmonella
- Other viruses: West Nile, Newcastle

PACKAGE CONTENTS

- 10 ml Dyed Antigen
 - 250 Tests
- Dropper Tip (40 ul)
- Product Insert
- New AVS Bio labels approved by USDA



TEST METHOD

- ALL REAGENTS SHOULD BE STORED AT REFRIGERATION(2-7°C) AND BE AT ROOM TEMP BEFORE USING
- Do not use frozen sera or antigen
 - Do not store the antigen in a freezer
- Vortex the antigen for 15 – 20 seconds
- Use 40 to 50 ul of sample and 40 ul of antigen
- Use positive and negative control serum
- Read @ 2 minutes

INVENTORY STATUS

- Salmonella Pullorum
 - 14 ml: 6 months of inventory
 - 40 ml: 1 month of inventory
 - Additional serials to be added each month thru Nov.
- MG: 4+ months of inventory
 - Additional serial available in Nov
- MS: On backorder – Available 9/1 (packaging now)
 - Next large serial due Nov
- MM: Multiple months on inventory
 - Additional serials available in Nov & Jan

IMPROVEMENT MEASURES

- We have implemented multiple weekly meetings focusing on reducing backorders.
- We have hired staffing to manage product submissions to expedite testing turnaround.
- Additional staffing has been added to our testing department and cross-training continues.
- We are implementing lean management practices to better visualize and measure the issues to improve production timing.

New AVS Bio Labels – Coming Soon!

avsbio

PULLORUM ANTIGEN STAINED ANTIGEN POLYVALENT

SPAFAS Pullorum Plate Antigen

ANTÍGENO PULLORUM ANTÍGENO POLIVALENTE COLOREADO

**Antígeno de Pullorum
SPAFAS para prueba en placa**

40 ml, 1000 tests/pruebas
VLN 344/PCN 5207.02

AVS Bio: A division of Avian Vaccine Services, LLC • 1 Wisconsin Avenue, Suite 100, Norwich, CT 06360 • Tel: 860-889-1389

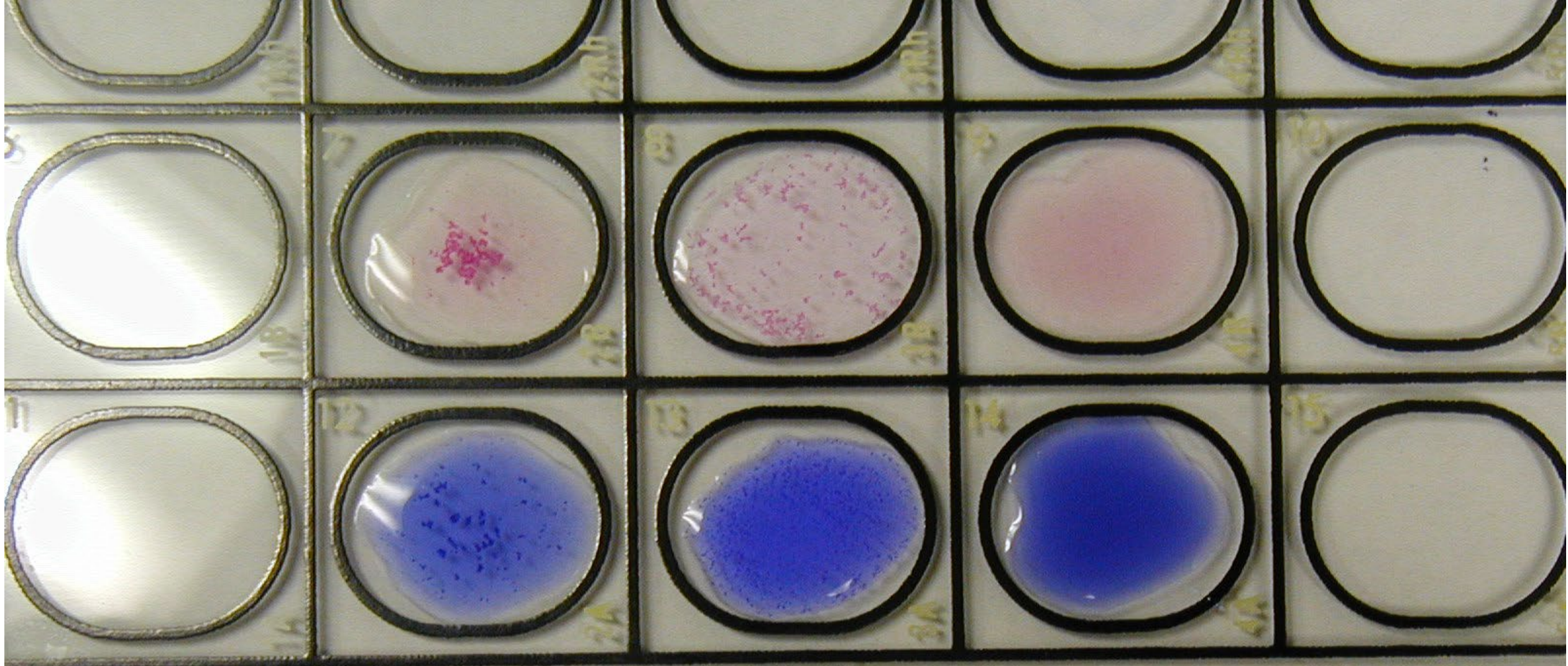
Full Directions on enclosure

Indicaciones completas en folleto

Store between 2-7°C (35-45°F)

Guardar a una temperatura

De 2 a 7°C (35 a 45°F)





CONTACT US

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