

United States Department of Agriculture  
Animal and Plant Health Inspection Service  
Center for Veterinary Biologics  
P. O. Box 844  
Ames, IA 50010

1. **Reagent Name:** *Salmonella pullorum* Stained K Polyvalent Plate Antigen

2. **Strain or Source:**

Standard Strain #11	Lot-4/83
Variant Strain #77	Lot-8/86
Variant Strain #79	Lot-8/86
Intermediate Strain #296	Lot-8/86
Intermediate Strain #4	Lot-8/86

3. **Lot Number:** 16-301

4. **Fill Date:** October 01, 2015

5. **Expiration Date:** May 31, 2025

**Precautions:** This material contains formalin at a final concentration of 1.0%<sup>v/v</sup>. Skin exposure should be treated by washing with soap and water. Eye exposure should be treated by flushing with running stream of water under low pressure for at least twenty minutes. Cases of ingestion or injection need immediate consultation with a health care professional. Disposal should be conducted in consultations with the institutional safety committee.

6. **Intended Use:** This reference is for evaluating the sensitivity of *S pullorum* antigens as outlined in title 9, *Code of Federal Regulations*, part 114.407.

7. **Instructions for Use:** Use undiluted per instructions in SAM 602.

8. **Test of Reagent:** The antigen was tested for purity, formalin content, sensitivity, density, hydrogen ion concentration and homogeneity and was found satisfactory. Sensitivity testing for extension of dating is satisfactory.

9. **Container Size, Type, Weight, or Volume:** Amber bottle with dropper top containing 55mL of reference.

10. **Storage Conditions:** This product is stored at 4°C.

11. **CVB Technical Contact:** Bacteriology Section, Center for Veterinary Biologics, (515) 337-6100

**12. Origin and Passage History:** *Salmonella pullorum* strains 4, 11, 77, 79, and 296 were obtained from the National Veterinary Services Laboratory and are maintained as reference cultures at the Center for Veterinary Biologics, Ames, Iowa.

**13. Method of Preparation:** The five *S. pullorum* strains were grown on agar culture, harvested and suspended in Phosphate Buffered Saline with 1.0% formalin and 0.3% Crystal Violet. Each strain was standardized and then combined in equal proportions. The antigen was bottled, tested and stored.

**14. Other:** None

Reagent orders and feedback should be sent *including phone number* to the following email address: [VS.DB.CVB.Reagent.Requests@usda.gov](mailto:VS.DB.CVB.Reagent.Requests@usda.gov)

Reagent order forms (APHIS Form 2018) can be found on the CVB website.