



## **ELISA-TEK<sup>®</sup> COOKED MEAT SPECIES KIT**

### **A Qualitative Method for the Identification of Animal Species in Cooked and Canned Meat and Meat Products**

**Intended Use:** The **ELISA-TEK<sup>®</sup> COOKED MEAT SPECIES ASSAY** qualitatively detects animal species content in cooked and canned meat, meat products, processed foods, and meat and bone meals. The testing method, developed and utilized by the USDA, is based on antibodies raised to heat-resistant species specific, muscle-related glycoproteins.

The **ELISA-TEK<sup>®</sup> COOKED MEAT SPECIES KITS** have been formatted and refined for portability and ease-of-use and will meet or exceed USDA-FSIS protocols for cooked meat species ELISA.

Preventing adulteration of meat foods with less desirable or objectionable meat species is important for economic, regulatory, health and cultural or religious reasons. Testing assures the consumer that the meat and poultry they purchase is safe, wholesome, unadulterated, and properly labeled which is of particular importance in religious communities where the consumption of particular meat is proscribed.

**Suitable for testing:** for animal species content in cooked, canned or processed foods and/or meat and bone meals and animal feeds processed **up to 133°C + 3 bars pressure**.

### **PRODUCT DETAILS**

<b>Limit of Detection:</b>	1.0% in canned, cooked, or processed foods (USDA procedure)
<b>Cross reactivity:</b>	All blood fed tissues, species or species group specific as indicated
<b>Samples tested per kit:</b>	Up to 44 samples in duplicate (20 samples using USDA procedure)
<b>Hands-on-time:</b>	30 minutes (for sample preparation/extraction – 5 samples) 3 hours (for immunoassay)
<b>Kit Contents:</b>	96 microwell plate system with single strip format of 8 wells,
<b>Additional equipment:</b>	Micropipettes (25-100µL), wash bottle, plate washer & plate reader
<b>Shelf life:</b>	12 months from manufacture date

### **ORDERING INFORMATION**

### **CATALOG #**

<b>ELISA-TEK<sup>®</sup> Cooked 3 Species Kit</b>	<b>510311</b>
<b>ELISA-TEK<sup>®</sup> Cooked 4 Species Kit</b>	<b>510604</b>
<b>ELISA-TEK<sup>®</sup> Cooked Beef Species Kit</b>	<b>510611</b>
<b>ELISA-TEK<sup>®</sup> Cooked Pork Species Kit</b>	<b>510621</b>
<b>ELISA-TEK<sup>®</sup> Cooked Poultry Species Kit</b>	<b>510631</b>
<b>ELISA-TEK<sup>®</sup> Cooked Sheep Species Kit</b>	<b>510641</b>
<b>ELISA-TEK<sup>®</sup> Cooked Horse Species Kit</b>	<b>510651</b>
<b>ELISA-TEK<sup>®</sup> Cooked Deer Species Kit</b>	<b>510661</b>
<b>ELISA-TEK<sup>®</sup> Cooked Turkey Species Kit</b>	<b>510671</b>