



ELISA Technologies, Inc.
Analytical Testing Services & Test Kits
A2LA Accredited to ISO 17025 in Meat Speciation and Allergen Testing



ELISA-TEK[®] COOKED MEAT SPECIES KIT

A Qualitative Method for the Identification of Animal Species in Cooked, Canned, and Other Meat Products

INTENDED USE: The ELISA-TEK[®] COOKED MEAT SPECIES ASSAY qualitatively detects animal species content in cooked and canned meat, meat products, and processed foods. 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[®] 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 Testing: for animal species content in cooked, canned or processed foods **up to 121°C + 2 bars pressure.**

PRODUCT DETAILS

Limit of Detection:	1.0% in canned, cooked, or processed foods (USDA protocol)
Specificity:	All blood fed tissues, species specific as indicated
# Of Tests per Kit:	Up to 40 samples in duplicate (20 samples using USDA procedure)
Hands-on-time:	~ 30 minutes (for sample preparation/extraction) 3 hours for immunoassay procedures
Kit Format:	96 microwell plate system with single strip format (single strips of 8 wells)
Additional equipment:	Micropipettes (25-100µL) wash bottle/ plate washer & plate reader
Shelf life:	Up to 12 months from date of manufacture

ORDERING INFORMATION

CATALOG

ELISA-TEK [®] Cooked Meat Mixed **Kit	510601
ELISA-TEK [®] Cooked 3 Species Kit (Beef/Pork/Poultry)	510603
ELISA-TEK [®] Cooked 4 Species Kit (Beef/Pork/Poultry/Sheep)	510604
ELISA-TEK [®] Cooked Beef Species Kit	510611
ELISA-TEK [®] Cooked Pork Species Kit	510621
ELISA-TEK [®] Cooked Poultry Species Kit	510631
ELISA-TEK [®] Cooked Sheep Species Kit	510641
ELISA-TEK [®] Cooked Horse Species Kit	510651
ELISA-TEK [®] Cooked Deer Species Kit	510661
ELISA-TEK [®] Cooked Turkey Species Kit	510671

* All prices in USD. (\$) – Kit Instructions Available Upon Request **Custom Kit - Made to order, inquire for assembly time.
- FOB Gainesville, Florida, USA – Volume Discounts Available -

ELISA-TEK[®] MEAT SPECIES TEST KITS are utilized by the USDA for Animal Species Identification of cooked meat and meat products. Protocol used for these kits are recognized and adopted by the USDA and appears in the USDA-FSIS Microbiology Lab Guidebook <http://www.fsis.usda.gov/Ophs/Microlab/Mlg17.02.pdf>