

ELISA-TEK™ COOKED MEAT SPECIATION KIT

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

Intended Use: The ELISA-TEK™ Cooked Meat Speciation Kit 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 targeting heat-resistant, species specific, muscle-related glycoproteins.

The **ELISA-TEK™ COOKED MEAT SPECIATION KITS** have been formatted and refined for ease of use and will meet or exceed USDA-FSIS protocols for cooked meat species ELISA.

Preventing adulteration of animal products with less desirable or objectionable species is important for economic, regulatory, health, and cultural reasons. The identification of meat species is performed in many countries to assure consumers that the meat and poultry they purchase is safe, unadulterated, properly labeled, and satisfies the requirements of various 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) 0.1% with enhanced extraction 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:	~ 90 minutes (for sample preparation/extraction) 3 hours for immunoassay procedures
Kit Format:	96 microwell plate system with single strip format (12 strips of 8 wells each)
Additional equipment:	Micropipettes (25-1000 µL), wash bottle or 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 KIT	510611
ELISA-TEK™ COOKED PORK KIT	510621
ELISA-TEK™ COOKED POULTRY KIT	510631
ELISA-TEK™ COOKED SHEEP KIT	510641
ELISA-TEK™ COOKED HORSE KIT	510651
ELISA-TEK™ COOKED DEER KIT	510661

*Custom Kit/Made to Order- Inquire for Assembly Time
FOB Gainesville, Florida, USA – Volume Discounts Available –Instructions for Use Available Upon Request

ELISA-TEK™ meat speciation kits are utilized by the USDA for animal species identification of cooked meat and meat products. Protocols for these kits are recognized and adopted by the USDA and appear in the USDA-FSIS Microbiology Lab Guidebook method 17.02