

ELISA-TEK[®] 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[®] 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[®] 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

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

ORDERING INFORMATION

CATALOG #

ELISA-TEK[®] Cooked 3 Species Kit	510311
ELISA-TEK[®] Cooked 4 Species Kit	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