

Product information

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| Product name: | Sulfaquinoxaline (SQX) ELISA-Test Kit |
| Product number: | ES-6 |
| General Description: | Sulfaquinoxaline is widespread use of antibiotics, which has considerable effect on controlling and treating animal disease. Sulfaquinoxaline in human body causes tolerance of drug and result in potential cancer for its serious side effect. |
| Principle: | The GreenSpring™ Sulfaquinoxaline (SQX) ELISA Test Kit is based on the competitive enzyme immunoassay for the detection of Sulfaquinoxaline in the tissue (chicken, pork), milk, honey and egg. The coupling antigen is pre-coated on the micro-well stripes. The Sulfaquinoxaline in the testing sample competes with the coupling antigen pre-coated on the micro-well stripes for the antibodies against Sulfonamides. After the addition of the enzyme conjugate, the TMB substrate is added for coloration. The optical density (OD) value of the testing sample has a negative correlation with the content of Sulfaquinoxaline in the sample. This value is compared to the standard curve and the content of the corresponding Sulfaquinoxaline is subsequently obtained. |

Specifications

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| Format: | 96 wells/kit (12 strips with 8 removable wells each) |
| Sensitivity: | 1.0 ppb |
| Detection limit: | Pork (liver), honey, egg – 1 ppb; serum, urine – 4 ppb; milk – 20 ppb |
| Crossreaction rate: | Sulfaquinoxaline – 100% |
| Sample processing time: | Pork (liver) – 20 min; honey, egg, serum, urine, milk – 10 min. |
| Detection time: | 90 min. |

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