

Product information

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| Product name: | anti-Triazine pab ELISA-Stick with test reagents |
| Product number: | ET-6 |
| Package size: | 10 tests |
| General description: | <p>The triazine structure is a heterocyclic ring, analogous to the six-member benzene ring but with three carbons replaced by nitrogens. The best known 1,3,5-triazine derivative is melamine with three amino substituents used in the manufacture of resins. Another triazine extensively used in resins is benzoguanamine. Triazine compounds are often used as the basis for various herbicides such as cyanuric chloride (2,4,6-trichloro-1,3,5-triazine). Chlorine-substituted triazines are also used as reactive dyes. These compounds react through a chlorine group with hydroxyl groups present in cellulose fibres in nucleophilic substitution, the other triazine positions contain chromophores. A series of 1,2,4-triazine derivatives known as BTPs have been considered in the liquid-liquid extraction community as possible extractants for use in the advanced nuclear reprocessing of used fuel.</p> |
| Principle: | <p>The <i>Triazine detection reagent set</i> is sensitive and easy to handle test for the detection of <i>triazine</i>. The test can be carried out without sample preparation or pre-incubation. Since the test does not require any labour equipment, it is especially suitable for analysis on the spot.</p> |
| Sensitivity: | Detection limit 1 ng |
| Crossreaction rate: | Atrazine (100%), cyanazine (60%), desmetryn (20%), methoprotryn (50%), propazine (70%), simazine (40%), terbuteton (40%), terbutryn (35%), terbutylazin (50%), secbumeton (40%) |
| Sample size: | max. 1 ml |
| Assay sample type: | any sample |
| Detection time: | 1.5 h |

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