

Product information

Product name:	Anti-chlorinated phenols pab ELISA-Stick with test reagents
Product number:	EP-9
Package size:	10 tests
Principle:	Chlorinated aromatics, such as chlorophenols, are environmental pollutants of great health concern. These compounds have widely been used in the production of pesticides, herbicides, and wood preservatives. They can also be generated as byproducts in industrial operations, such as the paper pulp bleaching process and water disinfection with chlorine. Being released into the environment, chlorophenols can enter water streams through various transport mechanisms and can also chemisorb onto soil surfaces and aquatic sediments. Due to their toxicity, these xenobiotics are consequently harmful to humans, animals, and fish that are exposed to such contaminated environments. Because of their toxic properties to microorganisms, these compounds are also recalcitrant to conventional biological treatment.
Sensitivity:	Detection limit 1 ng
Crossreaction rate:	Reacts with bromophosmethyl, bromophosethyl, diclofopmethyl, triadimenol, 2-methyl-4-chlorphenoxyacetic acid (MCPA), 4-(4-chloro-2-methylphenoxy)butanoic acid (MCPB), mecoprop, 2,4-Dichlorophenoxyacetic acid (2, 4-D), 2,4,5-trichlorphenol (2, 4, 5-TP), dichlorprop. Other molecules with the same chemical structure can be also detected.
Sample size:	max. 1 ml
Assay sample type:	any sample
Detection time:	1.5 h

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