



MB DNA Extraction Kit

Clean samples – ready for PCR

Features

<p>Description</p>	<p>The MB DNA Extraction Kit provides PCR templates highly compatible with Minerva Biolabs' PCR kits.</p> <p>For clinical samples the collection of nasal, pharyngeal or vaginal samples with a swab is easy and convenient. For further analysis by PCR the elution of the required DNA from swab material is of prime importance. The sample DNA must be available in a minute volume to yield high DNA concentrations and a maximum sensitivity, shall be free of PCR inhibitors and fit the reaction conditions of the subsequent PCR. The kit routinely contains such an optimized swab wash buffer.</p> <p>For <i>Chlamydia trachomatis</i> PCR the extraction of DNA from the optimal first flush of urine (<8 ml) is preferred.</p> <p>The MB DNA Extraction Kit can also be used for DNA purification from cell culture supernatants which often show PCR inhibition at a late stage of cultivation.</p>				
<p>Recommended Use / Scope</p>	<p>DNA can be extracted from</p> <ul style="list-style-type: none"> • swabs flocked with Dacron®, Nylon® or cotton taken from nasal, pharyngeal or vaginal spots as well as from the skin • urine • cell culture supernatants. <p>The kit works with DNA extraction columns which can be loaded with up to 200 µl of swab wash buffer or sample fluids.</p>				
<p>Kit Components</p>	<p>Swab wash buffer Spin columns Collection tubes Protease K Wash and elution buffers</p>				
<p>Required Consumables</p>	<p>Ethanol is required for the reconstitution of the wash buffer and not included in the kit.</p>				
<p>Package Sizes</p>	<table border="1"> <tr> <td>Cat.-No. 56-1050</td> <td>50 Extracts</td> </tr> <tr> <td>Cat.-No. 56-1100</td> <td>100 Extracts</td> </tr> </table>	Cat.-No. 56-1050	50 Extracts	Cat.-No. 56-1100	100 Extracts
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<p>Shelf Life and Storage</p>	<p>Store kit at +2 to +8°C. Shipment at ambient temperature. The product is stable for at least 6 months</p>				