

# GINA 500 (Pathogens xB) for DNA-extractors

## Depletion of human cells / DNA from EDTA whole blood and microbial lysis

February 2026  
V003

*This brief instructions are based on ,Pathogens xB\_instructions for use\_E\_2025\_07\_01'. In case of contradictory information within this brief instructions, the information in the currently applicable instructions for use for ,Pathogens xB' prevails.*

**During processing samples and reagents, a laboratory coat, latex gloves, sleeve guards and a surgical mask must be worn to avoid contamination. The GINA process and PCR preparation should be done under a laminar flow box.**

	<p><b>GINA 500:</b> 100 – 500µl EDTA blood (homogenized)</p>			<input type="checkbox"/>
			<p><b>Set heating block at 100°C</b> Thaw PCR-mixes Spin down tubes</p>	
			<p><b>LE Solution</b> 1400µl (yellow !)</p>	<input type="checkbox"/>
				<input type="checkbox"/>
	<p><b>Vortex for 5 seconds or invert several times</b></p>		<p><b>Incubate for 2 minutes at room temperature (18°-25°C)</b> <b>Check for homogeneity</b></p>	
				<input type="checkbox"/>
			<p><b>5 minutes of centrifugation</b> “soft ramping” 4,500g to 11,000g (=rcf)</p>	
				<input type="checkbox"/>
			<p><b>Softly decant supernatant</b></p>	
	<p><b>NA Solution</b> 200µl (red cap)</p>			<input type="checkbox"/>
			<p><b>Invert to mix</b></p>	
			<p><b>Vortex for 5 seconds</b></p>	<input type="checkbox"/>
			<p><b>Heat for 10 minutes at 100°C</b> <b>Meanwhile: Start loading extractor / instrument and prepare run</b></p>	<input type="checkbox"/>
				

**Storage <18 hours: 4°C to 8°C / Storage > 18 hours: -25°C to -15°C**