

# Horizontal Electrophoresis

Protocol

Bulletin 6207

## DNA Agaroses

DNA Agarose Grade	Electro- osmosis-mr	Gel Strength (g/cm <sup>2</sup> )	Gelation Temperature	Sulfate Content	DNase, RNase	DNA Binding	Gel Background Staining
Molecular biology agarose	≤0.12	≥3,200 (1.5% gel)	36°C	≤0.12%	None	None	Very Low
PCR agarose	≤0.12	≥4,200 (4% gel)	40°C	≤0.11%	None	None	Very Low
Low range ultra agarose	≤0.12	≥1,500 (3% gel)	35°C	≤0.11%	None	None	Very Low
Megabase agarose	≤0.12	≥3,200 (1.5% gel)	36°C	≤0.12%	None	None	Very Low
Low-melt agarose	≤0.12	≥250 (1.0% gel)	26°C	≤0.10%	None	None	Very Low
PCR low-melt agarose	≤0.10	≥1,000 (4% gel)	35°C	≤0.12%	None	None	Very Low
Pulsed field certified agarose	≤0.15	≥2,500 (1.5% gel)	38°C	≤0.35%	None	None	Very Low

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