

ExpiCHO and Expi293 System shaking speed recommendations

Maximize your protein yield by following these guidelines

Small scale			Large scale
<p>125 mL–2 L flasks Recommended shaking speeds:</p> <p>125 ± 5 rpm (19 mm orbital diameter)</p> <p>120 ± 5 rpm (25 mm orbital diameter)</p> <p>95 ± 5 rpm (50 mm orbital diameter)</p>	<p>Culture volume to transfect 25 mL</p> <p>Ratio of medium to flask volume 1:3.6</p> <p>Final culture volume ~35 mL</p>	<p>Culture volume to transfect 50 mL</p> <p>Ratio of medium to flask volume 1:3.6</p> <p>Final culture volume ~70 mL</p>	<p>2.8–3 L flasks Recommended shaking speeds:</p> <p>75 ± 5 rpm (19 mm orbital diameter)</p> <p>80 ± 5 rpm (25 mm orbital diameter)</p> <p>80 ± 5 rpm (50 mm orbital diameter)</p>
	<p> 125 mL</p>	<p> 250 mL</p>	
	<p>Culture volume to transfect 100 mL</p> <p>Ratio of medium to flask volume 1:3.6</p> <p>Final culture volume ~140 mL</p>	<p>Culture volume to transfect 200 mL</p> <p>Ratio of medium to flask volume 1:3.6</p> <p>Final culture volume ~280 mL</p>	
<p> 500 mL</p>	<p> 1 L</p>	<p> 2 L</p>	<p> 2.8–3 L</p>

Vented, nonbaffled for all volumes

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