PureFection™
Nanotechnology-based Transfection Reagent
Works with DNA and siRNAs

The PureFection reagent self-assembles nanoparticles in the presence of DNA and RNA. These complexes are readily taken up by target cells for efficient gene delivery. No media changes are required as PureFection works in the presence of antibiotics and serum. Easy-to-use protocol with rapid, one-step incubation for 15 minutes before adding directly to target cells makes PureFection well-suited for high-throughput transfection experiments.

Simple protocol - Outstanding efficiencies

DNA (GFP express)

Comparison of efficiencies

PureFection  Lipid-based

siRNA (TEX 615 label)

Comparison of efficiencies

PureFection  Lipid-based

Better DNA transfer across multiple cell types

<table>
<thead>
<tr>
<th>Cell type</th>
<th>PureFection</th>
<th>Lipid-based</th>
</tr>
</thead>
<tbody>
<tr>
<td>HEK293</td>
<td>50%</td>
<td>40%</td>
</tr>
<tr>
<td>HT1080</td>
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<tr>
<td>HepG2</td>
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<td>34%</td>
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<tr>
<td>RAW 264.7</td>
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<td>&lt;1%</td>
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</tbody>
</table>

System Biosciences
1616 North Shoreline Blvd.
Mountain View, CA 94043
Toll Free: 888.266.5066
Fax: 650-968-2277
Email: info@systembio.com

www.systembio.com