Dear customer, we would like to introduce our new products and hope you will find them interesting. Below is a list of events, in which we plan to participate in 2015:

11th Spring School (08 \ 03 \ 2015 - 13 \ 03 \ 2015 - Ettal)
WCN (13 \ 03 \ 2015 - 17 \ 03 \ 2015 - Cape Town)
DGE 2015 (18 \ 03 \ 2015 - 21 \ 03 \ 2015 – Lübeck)
AACC (26 \ 07 \ 2015 - 30 \ 07 \ 2015 – Atlanta)
MEDICA 2015 (16 \ 11 \ 2013 - 19 \ 11 \ 2015 – Düsseldorf)

DEHALOGENASES ENZYMES

Haloalkane dehalogenases, enzymes that catalyse the hydrolytic conversion of chlorinated, brominated and iodinated aliphatic compounds to the corresponding alcohol and hydrogen halide, manufactured by Enantis, s.r.o. The set of substrates converted by haloalkane dehalogenases consists of haloalkanes, haloalkenes, cyclohaloalkanes, haloalcohols, halohydrins, haloethers, haloesters, haloamides and haloacetonitriles containing a monohalogenated sp3 hybridized carbon atom.

FEATURES:

- Purified enzymes (purity > 95%) or cell free extracts (purity >30%)
- Broad temperature (25-55°C) and pH range (7.5-9.5)
- Can be immobilized and engineered for high thermal stability and resistance to organic solvents
- Highly enantioselective enzymes
- Great potential for biocatalytic preparation of chiral pharmaceutical building blocks
- Applicable for biosensing and bioremediation of toxic environmental pollutants
- Bulk quantities available upon request

The haloalkane dehalogenase product family consists of ten members:

- DhlA from Xanthobacter autotrophicus GJ10
- DhaA from Rhodococcus rhodochrous NCIMB 13064
- DbjA from Bradyrhizobium japonicum USDA110
- DmmA from Marine microbial consortium
- DmxA from Marinobacter sp. ELB17
- LinB from Sphingobium japonicum UT26
- DbeA from Bradyrhizobium elkani USDA94
- DadB from Alcanivorax dieseloloei B-5
- DpcA from Psychrobacter cryohalolentis K5
- Haloalkane dehalogenase screening kit
HALOALKANE DEHALOGENASES

These products can be found on our [website](http://www.biovendor.com) or in catalog:

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Source</th>
<th>Recipient</th>
</tr>
</thead>
<tbody>
<tr>
<td>RDADB75100</td>
<td>DadB from Alcanivorax dieselolei B-5, rec. from <em>E. coli</em></td>
<td></td>
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<tr>
<td>RBEA75100</td>
<td>DbeA from Bradyrhizobium elkani USDA94, rec. from <em>E. coli</em></td>
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<tr>
<td>RDJA75100</td>
<td>DbjA from Bradyrhizobium japonicum USDA110, rec. from <em>E. coli</em></td>
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<tr>
<td>RDHA75100</td>
<td>DhaA from Rhodococcus rhodochrous NCIMB 13064, rec. from <em>E. coli</em></td>
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<tr>
<td>RDHLA75100</td>
<td>DhlA from Xanthobacter autotrophicus GJ10, rec. from <em>E. coli</em></td>
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<tr>
<td>RDMM75100</td>
<td>DmmA from Marine microbial consortium, rec. from <em>E. coli</em></td>
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<tr>
<td>RDMX75100</td>
<td>DmxA from Marinobacter sp. ELB17, rec. from <em>E. coli</em></td>
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<tr>
<td>RPC75100</td>
<td>DpcA from Psychrobacter cryohalolentis K5, rec. from <em>E. coli</em></td>
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<tr>
<td>RHDSK30050</td>
<td>Haloalkane dehalogenase screening kit</td>
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<tr>
<td>RLRNB75100</td>
<td>LinB from Sphingobium japonicum UT26, rec. from <em>E. coli</em></td>
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