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 2014:

**ECO 2014** (28 \ 05 \ 2014 - 31 \ 05 \ 2014 - Sofia)

**34. Jahrestagung der Österreichischen Gesellschaft für Hygiene, Mikrobiologie und Präventivmedizin** (02 \ 06 \ 2014 - 05 \ 06 \ 2014 - Bad Ischl)

**ADA 2014** (13 \ 06 \ 2014 - 17 \ 06 \ 2014 - San Francisco)

**BIO International Convention 2014** (23 \ 06 \ 2014 - 26 \ 06 \ 2014 - San Diego)

**ERS 2014** (06 \ 09 \ 2014 - 10 \ 09 \ 2014 - Munich)

**EASD 2014** (15 \ 09 \ 2014 - 19 \ 09 \ 2014 - Vienna)

**ÖGAI Jahrestagung** (06 \ 10 \ 2014 - 08 \ 11 \ 2014 - Salzburg)

**15. ÖAG Jahrestagung** (24 \ 10 \ 2014 - 25 \ 10 \ 2014 - Vienna)

**5. Jahrestagung der Österreichischen Gesellschaft für Laboratoriumsmedizin und Klinische Chemie** (11 \ 11 \ 2014 - 14 \ 11 \ 2014 - Salzburg)

**MEDICA 2014** (12 \ 11 \ 2014 - 15 \ 11 \ 2014 - Dusseldorf)

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**FEATURED HUMAN ANTI-α-GALACTOSYL ANTIBODY ELISAS**

Antis α-galactosyl antibodies participate in the rejection of porcine grafts and represent an important obstacle to xenotransplantation. Moreover, natural anti-α-galactosyl antibodies have the potential to be used in treatment of some tumors (e.g. breast cancer) that express α-Gal antigens.

In human serum, natural anti-α-galactosyl antibodies (anti-α-Gal) constitute approximately 4 - 8 % and 1 - 2 % of total serum IgM and IgG, respectively; the IgA isotope can be found in serum, saliva, milk, colostrum and vaginal washings. The antibodies are directed against the epitope Galα1-3Galα1-4GlcNAc-R. The epitope is present in the cell membranes of mammals (except in humans and some primates) and in lipopolysaccharides and capsular polysaccharides of various gram-negative bacteria colonizing the gastrointestinal tract of humans. Natural antibodies are thought to protect against infectious agents and regulate immune responses. Determination of anti-α-galactosyl IgG, IgM, and IgA levels could be useful in xenotransplantation, oncology and diagnosis of various immunology disorders.

The Human Anti-Alpha-Galactosyl IgG, IgM, and IgA ELISA kits are intended for the determination of natural anti-α-Gal antibodies in serum and plasma.

Areas of investigation: Immunology, Immune Response, Autoimmunity, Infection and Inflammation, Transplantation, Oncology.
HUMAN ANTI-ALPHA-GALACTOSYL IgG ELISA  
CAT. NO.: RD199178100R  
Standards 3.13 to 100 U/ml  
Limit of detection 1.44 U/ml  

HUMAN ANTI-ALPHA-GALACTOSYL IgM ELISA  
CAT. NO.: RD199178110R  
Standards 3.13 to 100 U/ml  
Limit of detection 1.35 U/ml  

HUMAN ANTI-ALPHA-GALACTOSYL IgA ELISA  
CAT. NO.: RD199178120R  
Standards 3.13 to 100 U/ml  
Limit of detection 0.61 U/ml  

NEW IMMUNOASSAYS  

<table>
<thead>
<tr>
<th>CAT. NO.</th>
<th>NAME</th>
<th>IVD/RUO</th>
<th>ASSAY FORMAT</th>
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<tbody>
<tr>
<td>RD199178120R</td>
<td>Human Anti-Alpha-Galactosyl IgA Human ELISA</td>
<td>ELISA Ruo</td>
<td>Capture ELISA, HRP-labelled antibody</td>
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<tr>
<td>RD199178100R</td>
<td>Human Anti-Alpha-Galactosyl IgG Human ELISA</td>
<td>ELISA Ruo</td>
<td>Capture ELISA, HRP-labelled antibody</td>
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<td>ELISA Ruo</td>
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<tr>
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<td>ELISA Ruo</td>
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