NOF CORPORATION

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NOF Exhibits at MEDICA 2023, in Düsseldorf, GERMANY from 13 – 16 November

NOF CORPORATION is exhibiting its additives for diagnostics at **MEDICA trade fair 2023** to be held at Messe Düsseldorf, Düsseldorf, Germany, from **13 – 16 November**. Please come and see us to get new information for the BIOLIPIDURE® series, the LIPIDURE®-GD series and the EVERBRITE® series in our booth at **Hall 1/D35.** The contents of our exhibition are as follows.

1. BIOLIPIDURE® series

BIOLIPIDURE® is a series of our MPC (2-methacryloyloxyethyl phosphorylcholine) polymer products, which has a high reputation as additives for diagnostic reagents globally such as lateral flow tests, latex agglutination, ELISA and chemiluminescent immunoassay. As it contains no animal derivatives, BIOLIPIDURE® has little lot-to-lot variations and little biohazardous risk. The main functions of BIOLIPIDURE are:

- Enhancement of sensitivity and accuracy;
- Suppression of non-specific adsorption (i.e. blocking function); and
- Stabilization of antibodies and enzymes.

In recent years, the use of BIOLIPIDURE® has expanded to the fields of rapid antigen/antibody testing for SARS-CoV-2. The supporting data on the enhancing the sensitivity of such testing kits by using BIOLIPIDURE® will be presented at our booth.

2. A Prototype MPC polymer

A prototype MPC polymer which has been developed especially for lateral flow test will have been introduced to our exhibition. The key functions of the prototype are:

- Enhancement of sensitivity and accuracy; and
- Improvement of S/N ratio.

3. LIPIDURE®-GD series, new additives for PCR

LIPIDURE®-GD is a series of our MPC polymer products which has been developed as additives especially for genetic diagnostics such as PCR. Basic functions of LIPIDURE®-GD series are:

- Improvement of efficiency and specificity of PCR amplification
- Improvement of detection limit
- Stabilization of PCR master mix

4. EVERBRITE® series, Activated PEGs for diagnostics

EVERBRIGHT® is a series of our polyethylene glycol derivative products which is used as additives for diagnostic reagent. EVERBRIGHT® has three categories based on its molecular structure:

- Monofunctional linear PEGs,
  which is applicable for suppression of non-specific adsorption on magnetic beads or microplates, or for stabilization of enzymes;
- Heterofunctional PEGs,
  which is applicable as a linker for immobilized antibody, enzyme-labeled antibody and antigen; and
- Multi-arm PEGs,
  which is applicable for accumulation of secondary antibodies.

Conference website: https://www.medica-tradefair.com/

If you are interested in any of our technology or product, please visit our booth at **Hall 1/D35** during the fair, or contact our regional offices below to learn more and to arrange a meeting.

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