

LipoCoat

Anti-fouling coatings

Coatings resistant towards pollution

Our coatings are inspired by nature, biocompatible and provide unprecedented resistance towards pollution of proteins, bacteria and even human cells. LipoCoat coatings can be tailored to customer requirements and can be applied on most biomaterials. Our coatings can be used on biomaterials, medical devices and on R&D devices.

汚染耐性のあるコーティング

自然材料を設計の主軸とした当社のコーティング製品は、生体適合性が高く、タンパク質、バクテリア、さらにヒト細胞の汚染に対するこれまでにない耐性があります。LipoCoat製コーティング製品は、お客様のニーズに合わせてカスタマイズできるだけでなく、ほとんどの生体材料と適応可能です。当社のコーティング製品は、バイオマテリアル、医療用デバイス、そして各種の研究開発用途上のデバイスで使用できます。

LipoCoat properties

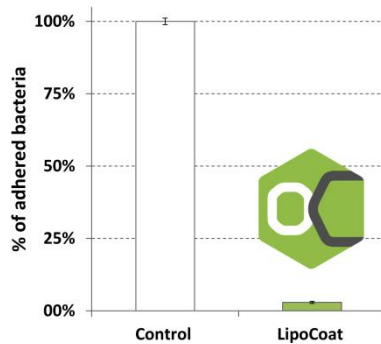
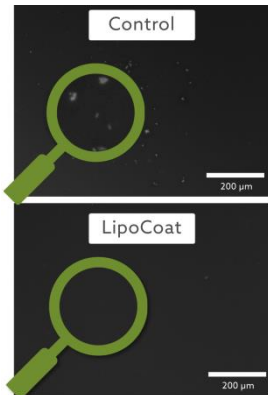
- Anti-fouling and non-thrombogenic
- Thin, < 5 nm
- High degree of wetting
- Self-assembly
- Regenerating
- Tailor coating surface charge
- Chemical groups e.g. NH_2 , COOH , Biotin
- Design coating bio-activity
- Proprietary technology
- Coating service available
- Biocompatible (ISO-10993 testing)
- No compounds of animal origin

LipoCoat service

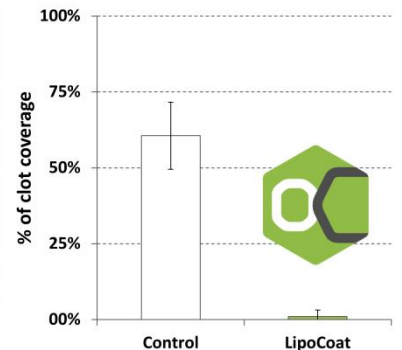
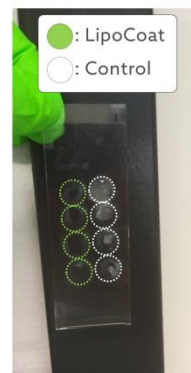
- Design coating process
- Design coating formulation
- Feasibility studies



Reduced bacterial fouling



Reduced thrombogenicity



Regeneration

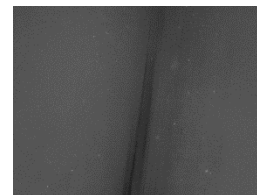
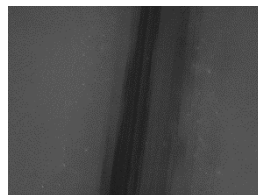
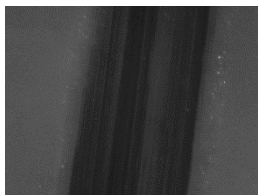
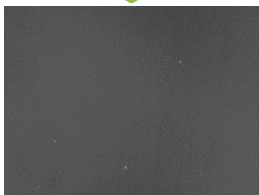


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LipoCoat

LipoCoat

Enabling technology

LipoCoat application areas

There are numerous application areas that might benefit from LipoCoat coating, such as diagnostics, R&D, food and healthcare:



- Urological catheters
- Blood lines (CVCs)
- Implantable devices
- Ophthalmic devices
- Lab-on-a-Chip
- Microfluidics
- ...

Contact us!

Please contact us for more information and explore possibilities for your device or application.

LipoCoat is a trademark of LipoCoat BV.

Product Disclaimer

The description by LipoCoat BV of the characteristics and properties of LipoCoat coatings as contained in this brochure is for general information purposes only, and may not be relied upon in individual situations. All materials offered by LipoCoat BV supplied under a contract containing detailed product specifications, and the user shall be exclusively responsible for, and shall bear full responsibility for the consequences of, (i) whether or not the product is suitable for use in the devices (or for any other (authorized) use that customer may wish to make of the product), and (ii) whether the product specifications are sufficient and sufficiently well defined in order for the product to be fit and suitable for use by user. User undertakes to keep itself actively informed as to developments in the relevant fields of its applications.

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LipoCoat Joint Development

- Prototype development
- Prototype testing
- Feasibility studies
- ML-1 level bacterial testing
- ML-1 and 2 level cell testing
- MESA+ Nanolab
- Organic synthesis labs
- Chemistry labs
- Biology labs
- Wide range of (surface) analysis tools

LipoCoat partners



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