Kit for the collection and transfer of faecal material under anaerobic conditions, so that the viability of the intestinal microbiota is preserved

Summary

Profile type
Technology offer

Company's country
Spain

POD reference
TOES20230628025

Profile status
PUBLISHED

Type of partnership
Commercial agreement with technical assistance

Targeted countries
- **India**
- **France**
- **Canada**
- **Italy**
- **Australia**
- **United Kingdom**
- **China**
- **Spain**
- **Japan**
- **Germany**
- **United States**

Contact Person
Rita ELSTE - TOMSONE

Term of validity
28 Jun 2023
27 Jun 2024

Last update
28 Jun 2023

General Information

Short summary

A Spanish biotech company has developed a kit for the collection and transfer of faecal material under anaerobic conditions. The device is suitable for collecting stool samples of human and animal origin, maintaining the viability of the microbiota and allowing the isolation, cultivation and preservation of all the microbiota present in the samples. It is indicated for all research or clinical use. Partners are sought for import/distribution of the kit.

Full description

The device is suitable for collecting stool samples of human and animal origin, maintaining the viability of the microbiota and allowing the isolation, cultivation and preservation of all the microbiota present in the samples. It is indicated for all research or clinical use that requires maintaining the viability of the intestinal microbiota (for example, faecal microbiota transplantation).
The device is being used for bacterial isolation, including strict anaerobic bacteria, FMT (Faecal Microbiota Transplantation) procedures and for microbiome analysis through metagenomics, in more than twenty countries at several hospitals, research centres and R&D companies. It is also included in the normalized protocols of the Spanish Association of Gastroenterology for FMT procedures.

Advantages and innovations

The Key benefits of the device are:
- Ensure anaerobic conditions from sample collection and transportation to the lab, up to 72h at room temperature.
- Maintains the microbiota original identity, composition, and diversity.
- Ensures bacterial viability together with DNA stability and integrity, a best-in-class device suitable for both anaerobic bacteria isolation and microbiome analysis.
- Enables standardization of protocols and procedures for microbiome analysis and FMT.

Technical specification or expertise sought

Stage of development

Already on the market

Sustainable Development goals

• Goal 3: Good Health and Well-being

IPR Status

IPR granted

Partner Sought

Expected role of the partner

Research/clinical partners are sought for import/distribution of the kit.

Type of partnership

Type and size of the partner

Commercial agreement with technical assistance

- **SME 50 - 249**
- **Big company**
- **SME 11-49**

Dissemination

Technology keywords

- **06001013 - Medical Technology / Biomedical Engineering**
- **06001012 - Medical Research**
- **06002008 - Microbiology**
- **06001002 - Clinical Research, Trials**

Market keywords

- **05004004 - Medical instruments**
- **05004003 - Laboratory equipment**
- **05004001 - Electromedical and medical equipment**

Targeted countries

- **India**
- **France**
- **Canada**
- **Italy**
- **Australia**
- **United Kingdom**
- **China**
- **Spain**
- **Japan**
- **Germany**
- **United States**

Sector groups involved

- **Health**