PURE TRANSPLANT solutions

An Emergent Company

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Better Immunology Tools for Better Healthcare

High Resolution Human Leukocyte Antigen Sequence Based Typing Services

Applications

Vaccine Research and Development

Objective

Pure Transplant Solutions seeks HLA-related projects and partnerships, including sequence based typing and HLA protein production and services.

Pure Transplant Solutions, L.L.C.

2508 Ashley Worth Blvd.
Suite 200
Austin, Texas 78738
512.697.8144
www.pureproteinllc.com/transplant

Business contact:
Bill Strieber
Managing Director

Laboratory contact:
Steve Cate
Sequencing Lab Director

High Resolution HLA Typing

Pure Transplant Solutions offers economical Sequence Based Typing (SBT) from our state-of-the-art, CLIA/ASHI certified laboratory. Our SBT service is built on the technology of Dr. William Hildebrand, an early pioneer in HLA sequencing who holds foundational intellectual property in the field.

Our Sequence Based Typing is a cost effective solution for:

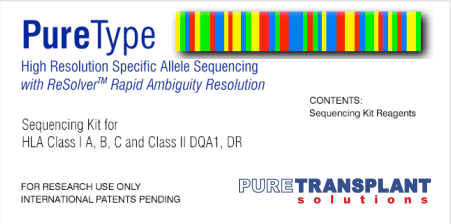
- Vaccine Research and Development
- Transplantation Diagnostics
- AutoImmune Disease Research
- HIV Research

We use the gold standard DNA sequencing method and have typed over 35,000 tissues to date. We have data for virtually every HLA genotype and allele frequency for distinct populations, including Class I (HLA-A; HLA-B; HLA-C) and Class II (HLA-DRB1; HLA-DRB3,4,5; HLA-DQB1; HLA-DQA1).

PTS accepts virtually all sample types for sequencing, including buccal swabs, serum, and tissue homogenates. We offer both research and clinical resolutions to meet your specific needs.

We have recently expanded our operations, incorporating newly developed methods, equipment and technologies to provide more efficient and cost effective services.

In addition to our HLA typing service, we also offer easy-to-use Pure Type kits.



PureType kits include all necessary primers, enzymes, reagents, and protocols. These kits can be configured to meet the specific typing needs of virtually any laboratory.

Additional Services

Dr. Hildebrand has also developed a unique method to clone and produce soluble HLA (sHLA) protein. This innovative method enables production of large quantities of these immune surveillance proteins, providing powerful insight into the workings of diseased cells. Our proprietary sHLA production method generates pure, single species antigens and greatly increases yield while still maintaining correct processing.