



CO-CULTURE DUET SYSTEM SOLE-SOURCE ATTESTATION

To whom it may concern:

Cerillo, Inc. is a biotechnology company headquartered in Charlottesville, Virginia. We develop laboratory tools to enable data collection in particularly difficult settings, conditions, and/or protocols.

One of our products is the Co-Culture Duet System, a unique co-culturing platform designed to facilitate the real-time phenotypic study of contact-independent interactions between two biological cultures. This system consists of 18 individual “Duets”, each of which is a pair of sample chambers joined by a semipermeable membrane. A culture can be placed on each side of the Duet, and the membrane keeps them separated while still enabling them to exchange media, metabolites, signaling molecules, and more between each other.

Once set up, the 18 Duets can then be placed in a corresponding frame for measurement inside most standard plate readers. This is possible because of the unique design of the Duets wherein each side of the co-culture setup is accessible to vertical optical measurement.

No other product exists which enables continuous optical measurement of co-culture constituents in a standard, multiplexed format. The Co-Culture Duet System is the only standardized horizontal co-culture system currently offered for sale, and the experiments this layout enables are largely exclusive to this design. No other system offers the ability to isolate cultures for continuous optical measurements while maintaining their fluidic continuity. **There are no directly comparable products on the market.**

If you have any questions about the Stratus or about Cerillo, please do not hesitate to reach out.

Thank you!

Eric Mayton
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