

PICKERING LABORATORIES TEST SOLUTIONS

The devil is in the details. That's why we put the required effort into creating a family of testing solutions that mimic true-to-life substances, from sweat and earwax to ocean water.

So whether you're testing the effects of perspiration on first responder's gear, effects of saliva on dental equipment, or blood penetration on PPE, the results will be repeatable and reliable. After all, the safety of your products are critical to the safety of those who use them.

A PIONEER IN REAGENTS & INSTRUMENTATION SINCE 1982

With our rigorous Quality Control process, perfected over decades, Pickering Labs guarantees the chemistry and integrity of each product. We are the global leader in formulating a wide array of specialty solutions, often custom, proprietary or purpose-built for our clients.



Current vaginal pharmaceutical preparations range from formulations intended for localized treatment to systems designed for systemic drug delivery, including hormonal therapies and therapeutic peptides or proteins. During the development of such formulations, it is essential to evaluate not only the dissolution and bioavailability of the active compounds but also the bioadhesive properties of the preparation.

Pickering Laboratories Simulated Vaginal Fluid is formulated to mimic the composition and properties of vaginal secretions in healthy, nonpregnant, premenopausal women. It reproduces key chemical characteristics known to influence the performance and efficacy of intravaginal drug delivery systems.

A modified version of this simulated vaginal fluid, containing mucin, is specifically designed to assess the adhesive behavior of vaginal formulations such as gels, microparticles, and other drug delivery systems. This modification enhances the relevance of in vitro testing by better approximating the mucosal environment encountered in vivo.

Stabilized formulations contain preservatives to inhibit microbial growth, allowing them to be stored at room temperature without compromising their integrity. Formulations without a preservative should be stored frozen to maintain stability and prevent microbial proliferation.

Simulated Gastric and Intestinal Fluid

Catalog No.	Description	Qty
1700-0769	SVF, Stabilized	200 mL
1700-0770	SVF, Not-Stabilized	200 mL
1700-0779	SVF with mucin, Stabilized	200 mL
1700-0780	SVF with mucin, Not-Stabilized, 2-part	200 mL