



吸收



涂抹



扩散



过滤



透气



芯吸



妊娠及排卵测试尿液吸水棒

确保准确的检测结果 — 无论样本量大小

以正确的速度输送正确的样本量：

- 优化介质以防止可能导致检测错误的过多尿液
- 吸水棒速度可精确调节和控制
- 大尺寸吸水棒，提高样本捕获能力

提高检测结果的灵敏度和特异性：

- 未经处理的高纯度材料，无干扰物质
- 定制孔隙率、密度、尺寸和拉伸强度
- 目标导向的毛细管作用

方法保证和样本指示技术：

- 设计了视觉和物理指示选项，以满足特定测试要求
- 分析物回收率更高
- pH 值呈中性，适用样本范围广
- 颜色可变化

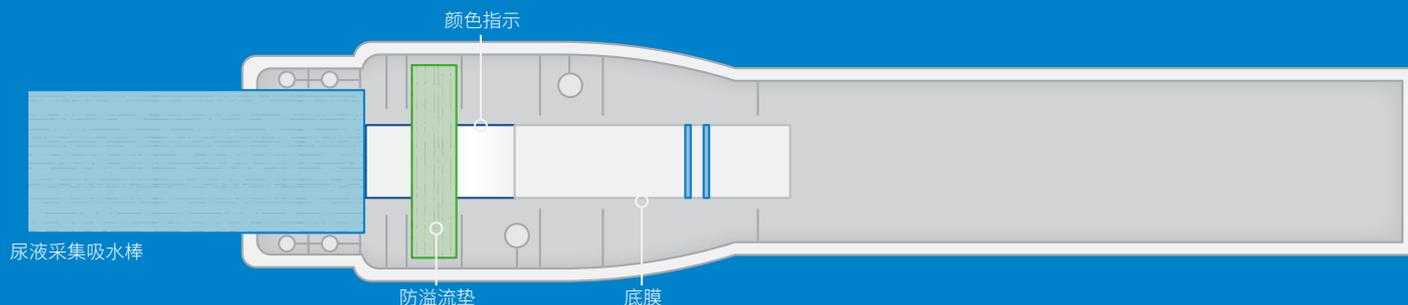
使用 POREX® 吸水棒 获得更准确的测试 结果：

- 理想的毛细管结构，无论样本量大小，都能控制样本输送至测试部位
- CERTIFIED PURE POREX® 材料选择可提高检测结果的灵敏度和特异性
- 专有方法保证和样本指示技术选择

多种材料可选适用于 不同测试平台

- 直线指示验孕棒（中段尿设备、验孕卡和试纸）
- 数显验孕棒

用于妊娠和排卵检测的尿液吸水棒



技术规格

尿妊娠试验吸水棒											
Porex 样品编号	材料	疏水性 或亲水性	形状 (按测试)	尺寸 (按测试)	基重 (g/m ²)	芯吸速率 (秒/长度)	芯吸速率 (秒/cc)	水吸收 (mg/cm ²)	密度 (g/cc)	孔隙率 计算值 %	吸收孔隙率 测定值 %
PW-583	PET/ HPDE	亲水	矩形吸水棒	2.3 厚 x 11.9 宽 x 44 长 mm	879	9.7	7.90	147	0.38	73%	86%
PW-814	PET/ HPDE	亲水	凹槽矩形吸 水棒	2.8 厚 x 12 宽 x 55.2 长 mm	813	9.3	5.10	128	0.29	79%	59%
PW-416	PET/ CoPET	亲水	矩形吸水棒	4.1 厚 x 7.2 宽 x 47.5 长 mm	1881	7.3	5.22	222	0.46	67%	81%
PW-415	PET / CoPET	亲水	跑道形吸水棒	2.4 厚 x 11.9 宽 x 44.1 长 mm	1125	6.0	4.82	40	0.47	64%	80%
PW-028	PET / CoPET	亲水	矩形吸水棒	2.4 厚 x 11.9 宽 x 44.1 长 mm	1129	7.0	5.63	123	0.48	65%	79%
PW-398	PET / CoPET	亲水	矩形吸水棒	4.1 厚 x 7.2 宽 x 52 长 mm	1539	6.3	4.17	248	0.38	73%	84%
PW-417	PET / CoPET	亲水	跑道形吸水棒	2.4 厚 x 12 宽 x 43.6 长 mm	1112	4.0	3.12	141	0.46	67%	87%
PW-418	PET / CoPET	亲水	矩形吸水棒	2 厚 x 18 宽 x 41 长 mm	1115	5.7	3.88	107	0.56	59%	91%
PW-419	PET / CoPET	亲水	矩形吸水棒	1.9 厚 x 18.1 宽 x 41 长 mm	826	6.0	4.27	125	0.44	68%	97%
PW-398	PET / CoPET	亲水	矩形吸水棒	4.1 厚 x 7.2 宽 x 52 长 mm	1539	6.3	4.17	248	0.38	73%	84%
PW-006	PET / CoPET	亲水	矩形吸水棒	2.2 厚 x 8 宽 x 42 长 mm	1008	7.0	9.51	135	0.46	67%	93%
PW-183	PET / CoPET	亲水	圆柱吸水棒	3.2 深 x 8.5 长 mm	N/A	1.0	14.58	N/A	0.34	75%	91%



让我们看看为什么排名前 8 的验孕棒制造商中已有 4 家信任 Porex

technical brief

WICKING MATTERS: Increase Pregnancy Test Accuracy with Porous Wicking Technology

Challenge
A subpar wicking component in a pregnancy test that fails to properly absorb and deliver samples to testing and binding sites can lead to unreliable results.

At Stake
A pregnancy test that delivers an inaccurate reading due to poor design and material choice can have devastating consequences for the consumer and negatively impact the brand's overall image.

Customized component
porous wicking material and chemical absorption components improve pregnancy test accuracy.

An estimated 25 million home pregnancy tests are used by women in the US each year.¹ For prospective new moms and their partners, getting an incorrect reading on a pregnancy or ovulation test can create substantial consequences. One test error means anticipation, and anxiety—or certain results powerful enough to cause major adjustments to lifestyle.

Most home pregnancy tests claim to be precise, in fact however, research over question this reliability, particularly when levels of a hCG-related hormone that are embedded in the test media render an incorrect reading as a false positive.

Other quality factors can also impact the such as challenges with sample contact properties that sometimes lead to the correct results. Consumers rely on such promise of accuracy. For manufacturers, components are essential for ensuring their consumers, and ultimately for the

ANATOMY OF PREGNANCY
Pregnancy tests are quick and easy for detecting levels of human chorionic gonadotropin (hCG) in a woman's body once an egg is fertilized. All tests start by collecting samples of urine, either from a urine stream or from a test stick collects the urine and then transfers it to a lateral flow to a "reaction zone" within the test stick. The reaction zone refers to media

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<http://www.porex.com/pregnancy-test-wicks>

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由于应用和操作条件的差异, Porex 建议客户可以根据其应用和测试条件自行进行适当的测试, 以确定CERTIFIED PURE Porex 材料和过滤器的性能。



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