

**HOLOGIC**

RAPID RESULTS,  
*Precision*  
CARE.

A Qualitative Test for the  
Detection of Amniotic  
Fluid in Vaginal Secretions

**Actim<sup>®</sup> PROM**

# Precision Care Starts with Accurate Assessment

Premature Rupture of Membranes (PROM) is one of the leading causes of preterm birth.<sup>1</sup>

PROM occurs in ~**8% of all pregnancies** and is promptly followed by spontaneous labor and delivery.<sup>1</sup>

Preterm premature rupture of membranes (PPROM) can lead to **significant fetal prematurity and maternal morbidity.**<sup>2</sup>

PPROM is the leading known cause of preterm birth (PTB) and is linked to **30-40%** of preterm deliveries.<sup>2</sup>



**Actim<sup>®</sup> PROM** is a rapid, qualitative test for the detection of amniotic fluid in vaginal secretions to aid in the diagnosis of PROM.<sup>3</sup>


**Actim PROM offers objective insight for patients with suspected PROM and can help inform treatment decisions.**



- ✓ **Remains effective in the presence of vaginal bleeding<sup>†</sup>** and other common contaminants (i.e. semen, urine, infectious agents).<sup>3</sup>
- ✓ Fastest comprehensive test-to-result time with results in 5 minutes or less.<sup>3</sup>
- ✓ Samples can be collected with or without a speculum.<sup>3</sup>
- ✓ Testing can be performed on patients at 29 weeks' gestation and beyond.<sup>3</sup>

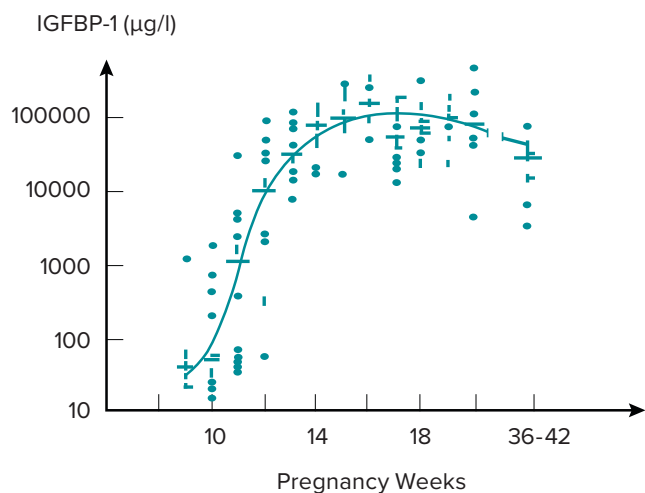
 **20%**

of PROM patients present with vaginal bleeding.<sup>4</sup>

 Early, **accurate diagnosis** of PROM and PPRM allows for gestational-age-specific obstetric interventions designed to **optimize** perinatal outcomes and **minimize** serious complications.<sup>5</sup>

# A Unique Test That Detects IGFBP-1 in Vaginal Fluids

**Actim PROM** is based on highly specific and unique monoclonal antibodies that bind to insulin-like growth factor binding protein-1 (IGFBP-1).<sup>3</sup>



**The concentration of IGFBP-1 in amniotic fluid rises early in pregnancy and remains elevated until birth.**

Amniotic fluid is not normally found in the vagina, but when membranes rupture, amniotic fluid leaks into the vagina and IGFBP-1 concentration rises quickly.<sup>3</sup>

**Actim PROM has higher sensitivity, specificity, and accuracy for PROM diagnosis compared to traditional assessments.**<sup>5,6</sup>

	Sensitivity	Specificity	Accuracy
<b>Actim PROM</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>
pH Test	97%	16%	56%
AFI < 80mm	94%	91%	92%

**When patients with bleeding are included, the performance of Actim PROM surpasses that of PAMG-1 tests.**<sup>7</sup>

	Sensitivity	Specificity	PPV*	NPV**
<b>Actim PROM</b>	<b>98%</b>	<b>97%</b>	<b>98%</b>	<b>97%</b>
PAMG-1 Test	95%	95%	95%	95%

\*PPV = Positive Predictive Value

\*\*NPV = Negative Predictive Value



# Actim PROM helps support decision making and patient care while saving valuable resources.

Accurate PROM diagnosis helps enable proper patient care, avoid unnecessary treatment, and reduce costs.

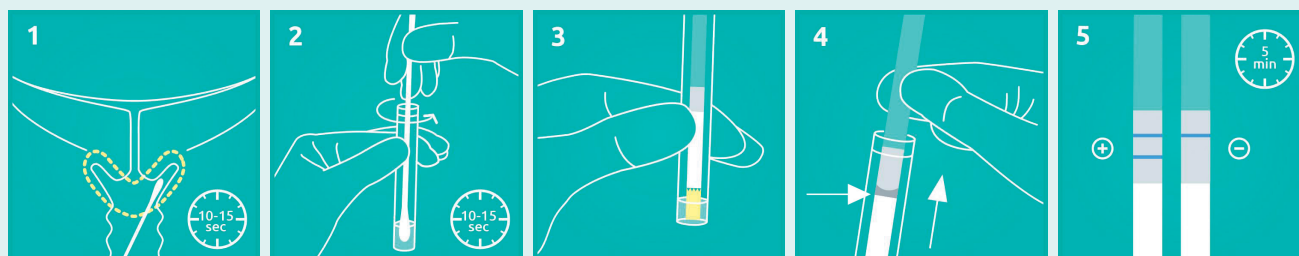
Medical attention can be directed to patients who need it most.

Unnecessary use of medication and their possible side effects can be avoided.

Avoidable hospital visits and patient transfers can be reduced.

Patient peace of mind is improved, limiting unnecessary anxiety and worries.

## Fast, Convenient, and Accurate PROM Testing in 5 Minutes



1 Collect specimen with or without a speculum

2 Extract the specimen

3 Activate the test

4 Interpret the test result

⊕ **Positive results** can be read as soon as they become visible.<sup>1</sup>

⊖ **Negative results** should be confirmed at 5 minutes.<sup>1</sup>

Hologic provides this collection procedure guide as a general informational tool only; it is not an affirmative instruction or guarantee of performance. It is the sole responsibility of medical professionals to read and understand the appropriate package insert and comply with applicable local, state and federal rules and regulations.

<sup>1</sup>The test has been designed to minimize interference from bleeding, but in cases of heavy bleeding the blood locally may have a higher concentration of IGFBP-1 protein. In these cases, a positive result should be interpreted with caution.

**References:** 1. ACOG Practice Bulletin No. 217: Prelabor Rupture of Membranes. *Obstet Gynecol.* 2020;135:e80-97. doi: 10.1097/AOG.0000000000003700. 2. Jazayeri A. Premature Rupture of Membranes. *Medscape.* Last reviewed February 24, 2023. Accessed August 16, 2025. <https://emedicine.medscape.com/article/261137-overview#a1>. 3. Actim PROM Test Kit Instructions For Use. A30831ETUS-IFU Rev. C. Hologic, Inc.; 2025. 4. Palacio M, Kühnert M, Berger R, et al. Meta-analysis of studies on biochemical marker tests for the diagnosis of premature rupture of membranes: comparison of performance indexes. *BMC Pregnancy and Childbirth.* 2014;14:183. doi: 10.1186/1471-2393-14-183. 5. Caughey AB, Robinson JN, Norwitz ER. Contemporary Diagnosis and Management of Preterm Premature Rupture of Membranes. *Rev Obstet Gynecol.* 2008;1(1):11-22. 6. Erdemoglu E, Mungan T. Significance of detecting insulin-like growth factor binding protein-1 in cervicovaginal secretions: Comparison with nitrazine test and amniotic fluid volume assessment. *Acta Obstet Gynecol Scand* (2004) 83:622-626. doi: 10.1111/j.0001-6349.2004.00343.x. 7. Marcellin L, et al. Comparison of two bedside tests performed on cervicovaginal fluid to diagnose premature rupture of membranes. *J Gynecol Obstet Human Reprod.* 2011;40(7):651-656. doi: 10.1016/j.jgyn.2011.06.007.

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