

# QC pH Strips™ pH 7.5 – 10.5 Heat-Tested for Quality Control

(Patent Pending in Process)  
pH616-032718

**BIOCARE**  
M E D I C A L

**Catalog Number:** pH616  
**Description:** 100 strips

## Intended Use:

For In Vitro Diagnostic Use

## Introduction

The pH of retrieval solution at high temperature can be critical for proper immunohistochemical (IHC) staining. Solutions change pH as the temperature rises. The pH of tris-based retrieval solutions lowers as the temperature rises. To assure quality control and consistent IHC staining, BIOCARE has developed heat-tested pH strips that give accurate and the **true** pH at high temperatures. The pH of a solution should be recorded at the temperature used. The laboratory investigator can now record pH on a daily basis, and comply with CAP and JCOH inspection.

## Supplied as:

100 pH strips ranging from pH 7.5 to 10.5

## Intended Use

QC pH Strips are intended use is to pH heat retrieval solutions at high temperatures (80°C to 120°C). The strips are designed for BIOCARE'S NUCLEAR DECLOAKER and BORG DECLOAKER.

Other retrieval solutions tested are: Target (high pH), and high pH Tris buffers (pH9.5). **EDTA does not work with the pH strips!**

## Directions for use:

1. After heating the retrieval solution(s) to 80°C to 120°C, dip the pH strip(s) into the hot retrieval solutions
2. Remove the strip from the solution and tap the pH strip on its edge.
3. Wait for 10 seconds, and then match the color of the pH strip to the color chart.
4. The QC pH Strip should a grey-blue for proper pH (see color chart on package).
5. Read and record the QC results each day of retrieval solution use.

## Technical Notes:

1. Read the pH strips within 3 minutes after dipping.
2. There are several heating methods that may be employed. These methods include: microwave, pressure cooker (see BIOCARE'S Decloaking Chamber), hot water bath, and steamer. For microwave use, licensing may be required under U.S. patent No. 5,244,787.

## Storage and Stability

Store at room temperature. Product is stable for 24 months after purchase.

## Limitations and Warranty

There are no warranties, expressed or implied, which extend beyond this description. BIOCARE is not liable for property damage, personal injury, or economic loss caused by this product.