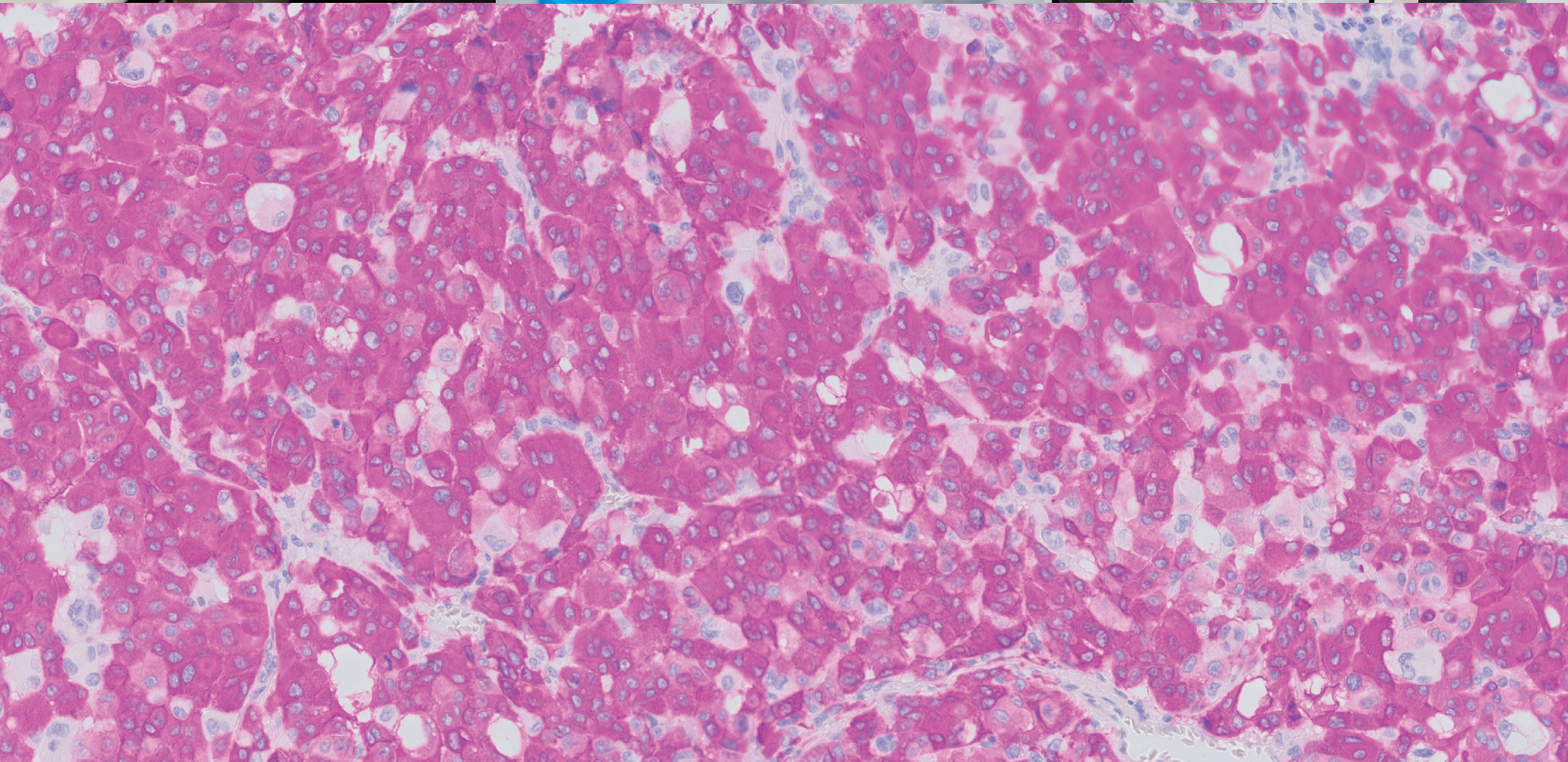


# HRP Magenta chromogen for Dako Omnis

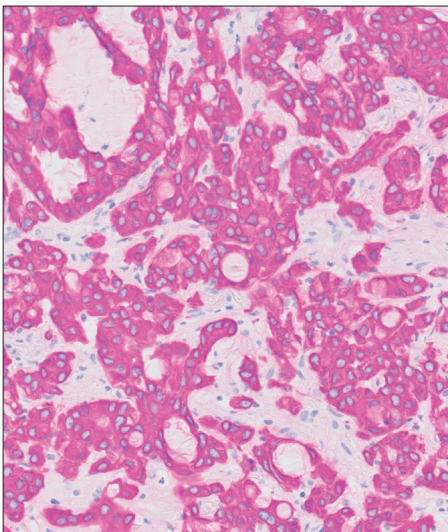
Simply revolutionary 'red'



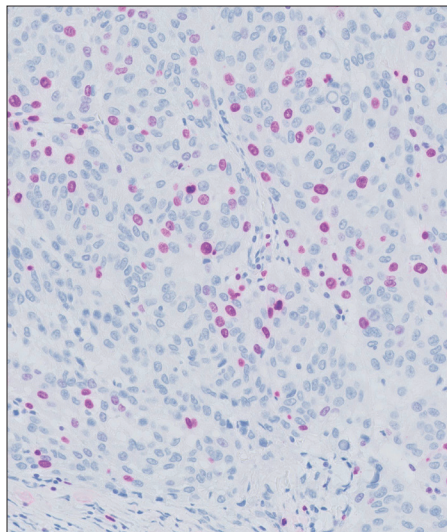
# A new color for the EnVision FLEX family on Dako Omnis

Introducing HRP Magenta, a new chromogen available for your Dako Omnis solution that complements the brown color obtained with DAB chromogen. HRP Magenta offers:

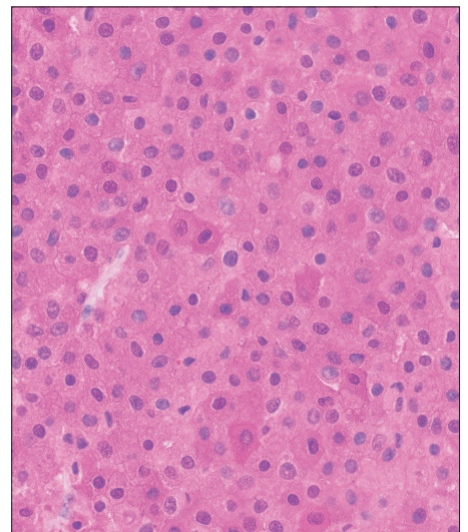
- Clear distinct staining
- High contrast, vibrant color
- Visible details



**Figure 1.** Adenocarcinoma of the lung. Stained with Anti-Cytokeratin 7.



**Figure 2.** Melanoma. Stained with Anti-Ki-67.



**Figure 3.** Melanoma. Stained with Anti-S100.

## Why is HRP Magenta unique?

HRP Magenta is a unique Agilent invention. Derived from a well-known chromogen used for many years in other industries, the molecule has been chemically modified to fit perfectly into HRP-based visualization on Dako Omnis. The stable structure of HRP Magenta offers:

- A clear transparent color that also makes HRP Magenta ideal for image analysis
- Stains that can be permanently mounted



# EnVision FLEX and Dako Omnis: Technology you know and trust

Dako Omnis



## Addition of a new chromogen to the EnVision FLEX product family for Dako Omnis

- Built on the same enzymatic reaction
- Fully compatible with EnVision FLEX family of products
- Simply replaces DAB with HRP Magenta as a new component in the reaction, meaning only one additional vial that integrates seamlessly

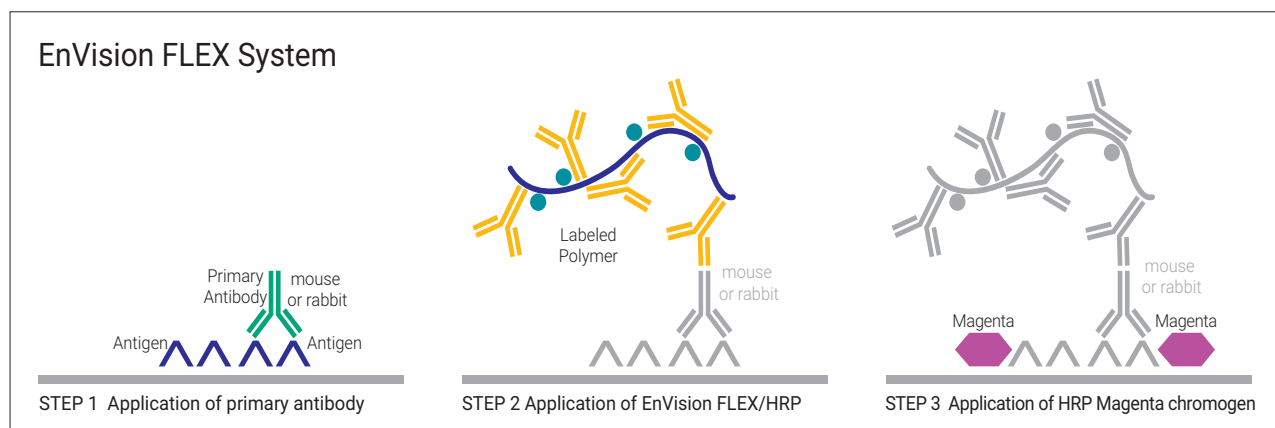


Figure 4. EnVision FLEX System with HRP Magenta chromogen

## Continual enhancement of your laboratory workflow with the Dako Omnis solution

Like the entire Dako Omnis solution, HRP Magenta is designed to provide your lab with:

### More time – to perform other tasks

- Two chromogens using one proven plug-and-play visualization system reduces hands-on time
- Integrate 'red' testing into your routine IHC workflow with an average turnaround time of just 2.5 hours

### Greater choice – gives your lab flexibility

- Maintain instrument capacity by using only one additional reagent position
- One workflow with two different chromogens, and no need to sort by color

### Better patient care – enabled by a focus on quality

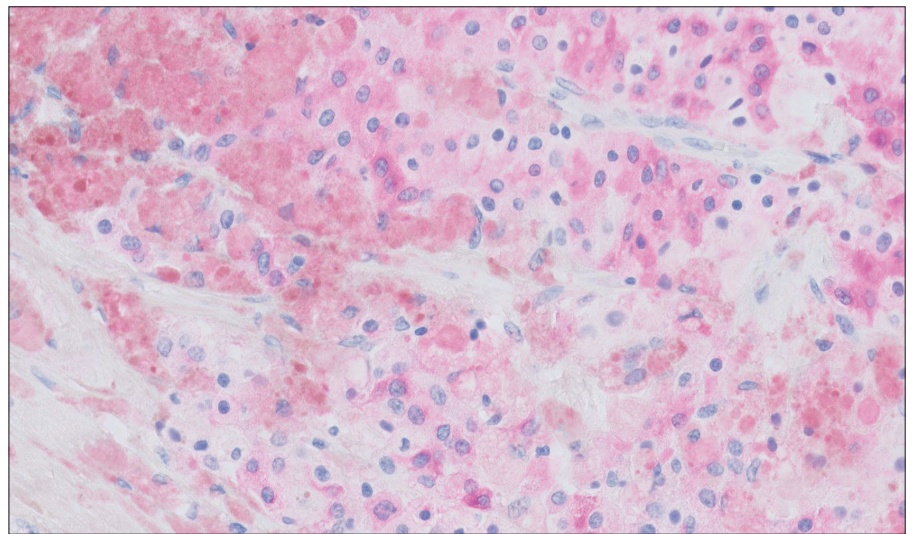
- Built upon a well-known, high-quality visualization system
- Clear contrast and visible cellular details support easy assessment
- Run cases as they arrive in the lab enabling faster time to case completion

# HRP Magenta: Enabling confident patient diagnosis



## HRP Magenta offers a crisp, clear contrast

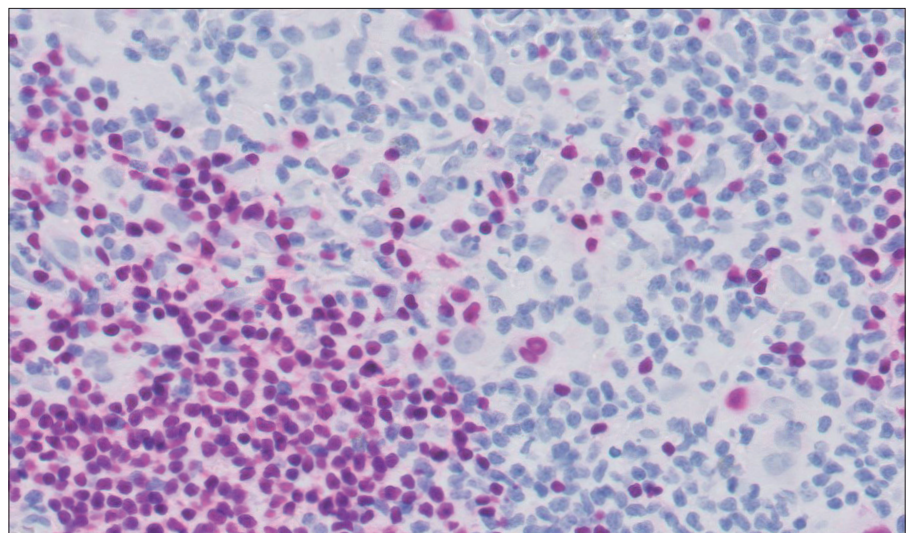
As a contrast to hematoxylin and pigmentation in tissue, the high-intensity staining and color nuance make HRP Magenta offer excellent complementary color for your stains.



**Figure 5.** Melanoma, stained with Anti-Melan-A. Picture shows melanoma cells and macrophages with pigmentation.

## See inside like never before

Unlike many other chromogens, HRP Magenta is transparent, yet still clearly visible and intense. Nuclei are easily identified and all details are visible.



**Figure 6.** Hodgkin's lymphoma. Stained with Anti-B-Cell-Specific Activator Protein. Picture shows B-cells and isolated Reed-Sternberg cells.

# Be certain with HRP Magenta for Dako Omnis

- Superior cellular details
- Excellent contrast and morphology
- Crisp, clear staining supports easy assessment

## High sensitivity and easy recognition of tissue structures

HRP Magenta is both sensitive and specific. A clear presentation of the tissue is maintained, allowing pathologists to recognize tissue structures and cellular features.

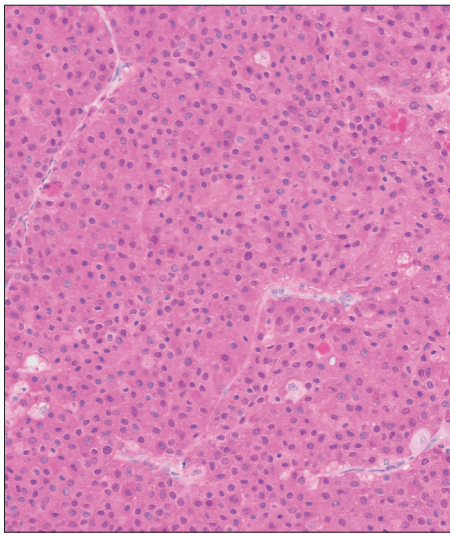


Figure 7. Melanoma. Stained with Anti-S100.

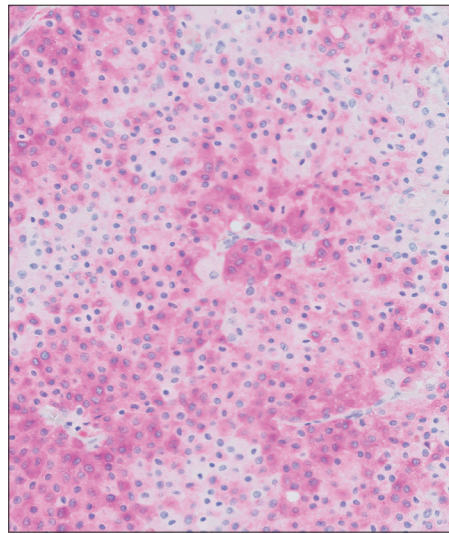


Figure 8. Melanoma. Stained with Anti-Melan-A.

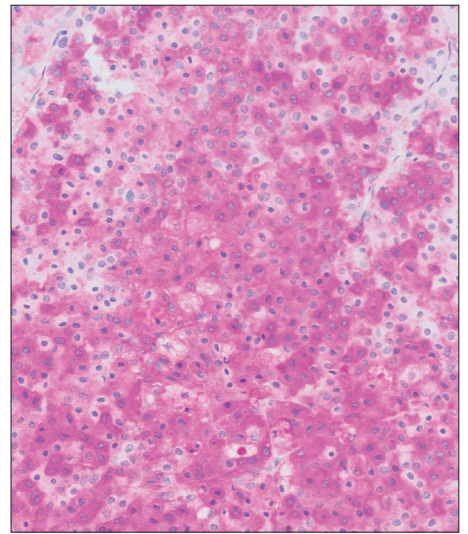


Figure 9. Melanoma. Stained with Anti-Melanosome.

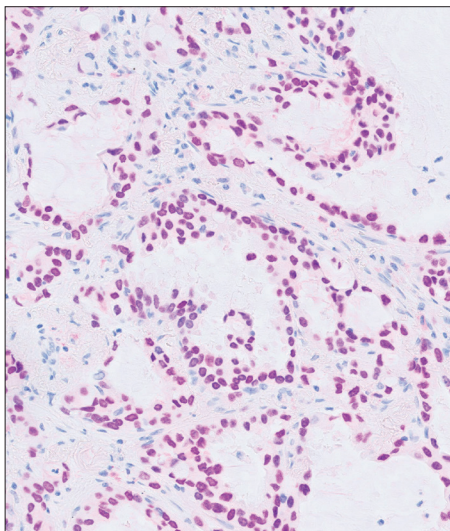


Figure 10. Adenocarcinoma of the lung. Stained with Anti-Thyroid Transcription Factor (TTF-1).

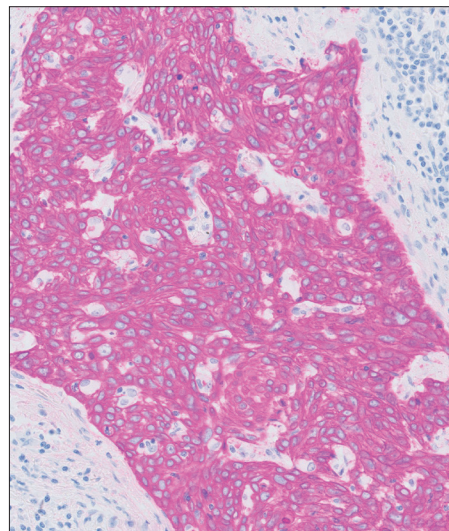


Figure 11. Squamous cell carcinoma of the lung. Stained with Anti-Cytokeratin 5/6.

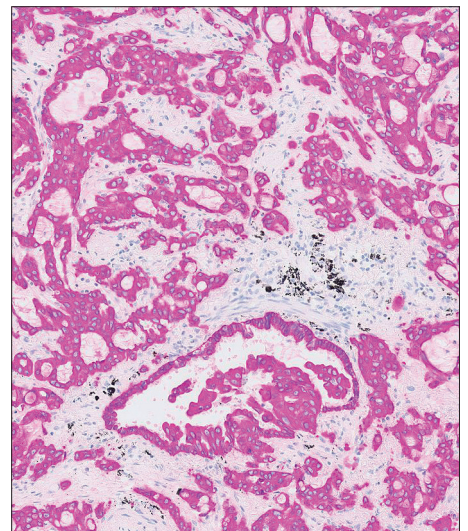


Figure 12. Adenocarcinoma of the lung. Stained with Anti-Cytokeratin 7.

# Rethink your lab's 'red'



## HRP Magenta enables you to fully capitalize upon the continuous workflow on Dako Omnis

HRP Magenta enables your lab to integrate 'red' stains into the routine IHC workflow. You can now have two complementary colors in one workflow with just one extra vial, and your lab can load any patient case at any time.

Load a complete patient case and save time on sorting and/or batching. This gives your lab increased flexibility and shortens time to completion of patient cases that include 'red' stains.

In addition, HRP Magenta slides can be coverslipped with non-aqueous mounting medium, allowing a complete workflow alignment with routine (DAB) slides, saving hands-on time for your technical specialists.

Run your patient cases as they arrive to the lab, no matter the color.

**Morning**

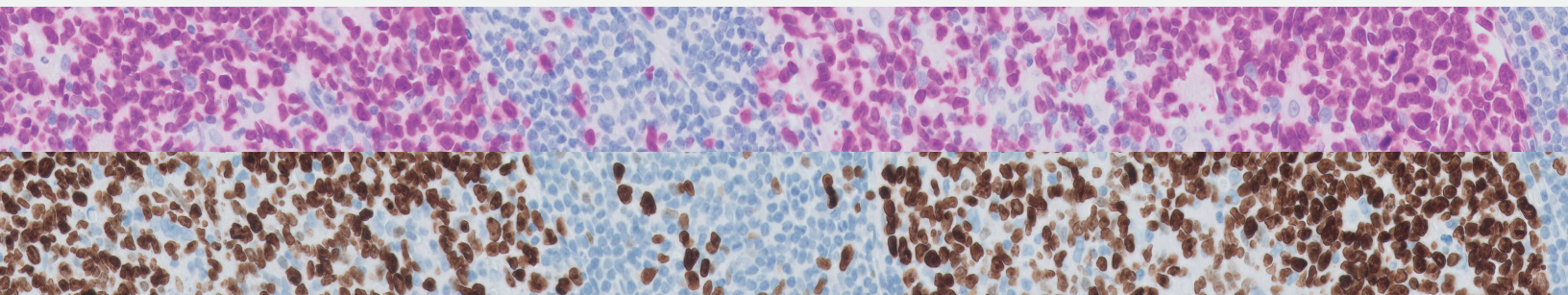
One detection system, two color options.

**During the day**

Run patient cases as they arrive in the lab, regardless of required technique.

**Urgent cases**

Load single urgent cases at any time, even at full capacity.



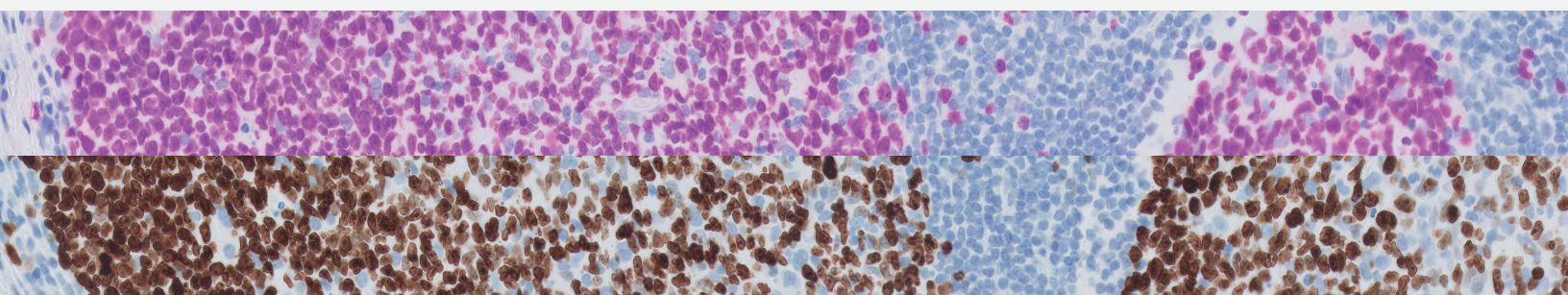
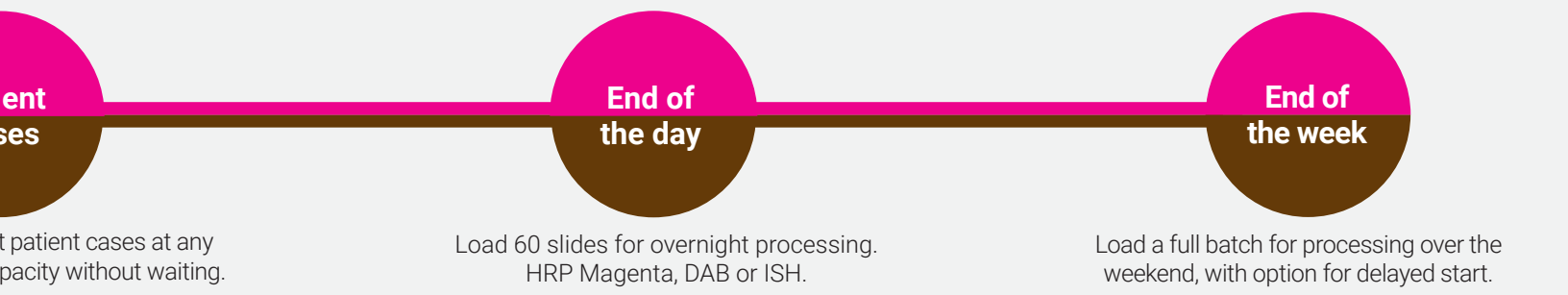
# HRP Magenta simplifies your IHC visualization

- Two colors integrated in one workflow
- Load patient cases as you choose, as an integral part of your routine IHC
- Only adds one new vial to the plug-and-play EnVision FLEX system
- Gives your lab a lean workflow and fast turnaround times

## Seamless integration of HRP Magenta

Adding HRP Magenta is simple and seamless, and introduces only one new vial. All other vials are interchangeable with the other high-quality EnVision FLEX products for your Dako Omnis instrument and mixing is performed onboard the instrument. IHC protocols on Dako Omnis can easily be validated for use with HRP Magenta.

Your lab can choose between two product variants: The plug-and-play kit with all components needed for IHC visualization (Code GV900) or the stand-alone chromogen and substrate buffer configuration (Code GV925) to combine with existing EnVision FLEX products.



## Visualization Systems for Dako Omnis

EnVision FLEX, our well-known visualization system, has been configured into a dedicated system for Dako Omnis. The highly sensitive polymer-based EnVision FLEX system builds upon simple intelligent chemistry that allows for distinct clear staining. The dynamic gap staining technology utilized onboard Dako Omnis, the high-quality primary antibodies and the EnVision FLEX system all come together to provide a robust solution that produces stains with excellent morphology and diagnostic certainty.

The streamlined kits and optional reagents for Dako Omnis are packaged for your convenience and are easy to order, making the system flexible, versatile and functional.

### Ordering information

Product Name	Code
EnVision FLEX HRP Magenta, High pH (Dako Omnis)	GV900
EnVision FLEX HRP Magenta Substrate Chromogen System (Dako Omnis)	GV925
EnVision FLEX DAB+ Substrate Chromogen System (Dako Omnis)	GV825
EnVision FLEX Mini Kit, High pH (Dako Omnis)	GV823
EnVision FLEX, High pH (Dako Omnis)	GV800
EnVision FLEX+ Mouse LINKER (Dako Omnis)	GV821
EnVision FLEX+ Rabbit LINKER (Dako Omnis)	GV809
EnVision FLEX Target Retrieval Solution, High pH (Dako Omnis)	GV804
EnVision FLEX Target Retrieval Solution, Low pH (Dako Omnis)	GV805



**Figure 13.** HRP Magenta for Dako Omnis is available as a kit (Code GV900) or as a Chromogen plus substrate buffer (Code GV925)

Learn more:

[www.agilent.com](http://www.agilent.com)

This information is subject to change without notice.