

# PRODUCT SPECIFICATION



Ultravision ONE/AP*		
Code #	volume	# tests
TL-015-AFJ	15 ml	75-150
TL-060-ALJ	60 ml	300-600
TL-125-ALJ	125 ml	625-1250
TL-012-AFNJ	12 ml	60-120
Bar-code vials for Autostainer 2D		
TL-012-AFTJ	12 ml	60-120
Cylindrical vials for Autostainer LV-1		

Ultravision ONE/HRP*		
Code #	volume	# tests
TL-015-HAJ (AEC)	15 ml	75-150
TL-015-HDJ (DAB)	15 ml	75-150
TL-060-HLJ	60 ml	300-600
TL-125-HLJ	125 ml	625-1250
TL-012-HANJ (AEC)	12 ml	60-120
Bar-code vials for Autostainer 2D		

Code #	volume	# tests
TL-012-HATJ (AEC)	12 ml	60-120
Cylindrical vials for Autostainer LV-1		
TL-012-HDNJ (DAB)	12 ml	60-120
Bar-code vials for Autostainer 2D		
TL-012-HDTJ (DAB)	12 ml	60-120
Cylindrical vials for Autostainer LV-1		

\*The formats exactly follow what is in our catalog for any of the other polymer kits. Twelve and 15 ml are complete kits which contain polymer, chromogen, substrate, peroxidase block (for HRP) and UV block. The 60 ml and 125 ml do not contain the chromogen/substrate.

These products are intended for In Vitro Diagnostic Use.

## Ancillary PRODUCTS

Lab Vision is proud to offer a **wide range of Ancillary Products** for Immunohistochemistry

### CHROMOGENS FOR AP

	Volume	Code #
BCIP/NBT	60 ml	TA-060-AB
BCIP/NBT	125 ml	TA-125-AB
BCIP/NBT	500 ml	TA-500-AB
Fast Red (substrate and tablets)	60 ml	TA-060-AF
Fast Red (substrate and tablets)	125 ml	TA-125-AF
Liquid Fast Red - stable in organic solvent	60 ml	TA-060-AL
Liquid Fast Red - stable in organic solvent	125 ml	TA-125-AL
New Fuchsin (3 component)	60 ml	TA-060-AN
New Fuchsin (3 component)	125 ml	TA-125-AN

### CHROMOGENS FOR HRP

	Volume	Code #
AEC (1 component)	60 ml	TA-060-SA
AEC (1 component)	125 ml	TA-125-SA
AEC (2 component)	60 ml	TA-060-HA
AEC (2 component)	125 ml	TA-125-HA
DAB	60 ml	TA-060-HD
DAB	125 ml	TA-125-HD
DAB Plus - (2 component) improved formulation! <b>new</b>	60 ml	TA-060-HDX
DAB Plus - (2 component) improved formulation! <b>new</b>	125 ml	TA-125-HDX
DAB Ultra ME <b>new!</b>	60 ml	TA-060-HDU
DAB Ultra ME <b>new!</b>	125 ml	TA-125-HDU

### BUFFERS & DILUENTS

	Volume	Code #
PBS (powder for 1 L of 10X)	1 L	AP-9009-10
PBS (powder for 1 L of 20X)	1 L	AP-9010-10
PBS (25X)	125 ml	TA-125-BP
PBS Tween® (20X)*	125 ml	TA-125-PT
PBS Tween® (20X)*	1000 ml	TA-999-PT
TBS (25X)	125 ml	TA-125-TB
TBS Tween® (20X)	125 ml	TA-125-TT
TBS Tween® (20X)	1000 ml	TA-999-TT
Ultra Ab Diluent	125 ml	TA-125-UD
Ultra Ab Diluent Plus	125 ml	TA-125-UDX
Ultra Clean Diluent	125 ml	TA-125-UC

\*=0.05% Tween R for use in Automated IHC

### BLOCKING REAGENTS

	Volume	Code #
Hydrogen Peroxide Block	60 ml	TA-060-HP
Hydrogen Peroxide Block	125 ml	TA-125-HP
Ultra-V-Block	60 ml	TA-060-UB
Ultra-V-Block	125 ml	TA-125-UB
Avidin/Biotin Blocking solution <b>new</b>	15 ml	TA-015-BB

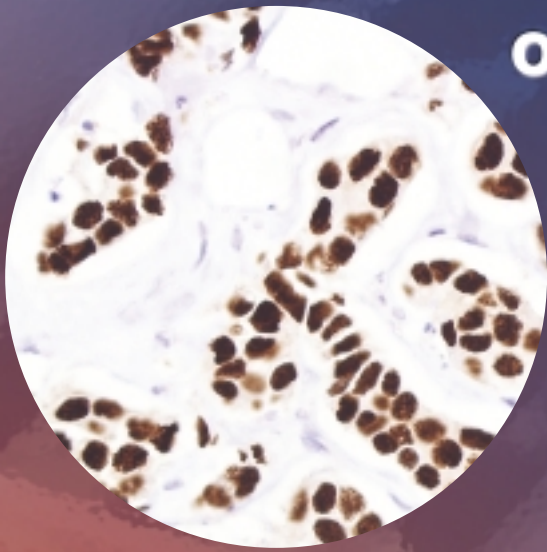
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NEOMARKERS

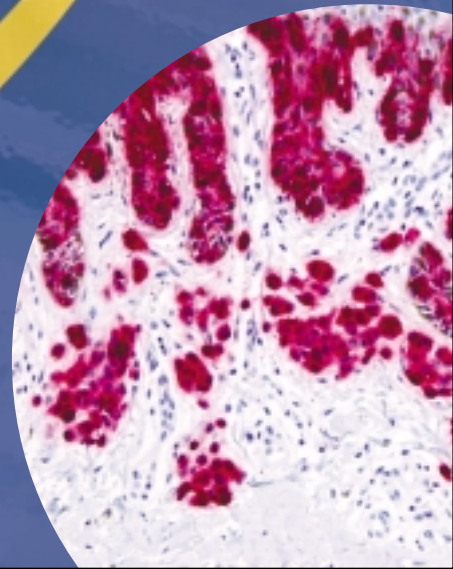
# Ultravision *one*

**ONE-STEP POLYMER  
IHC DETECTION SYSTEM**



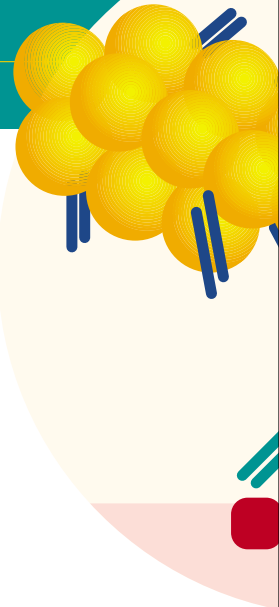
**1-in:**

**Time Savings  
Performance & Sensitivity  
Simplicity**



# Ultravision

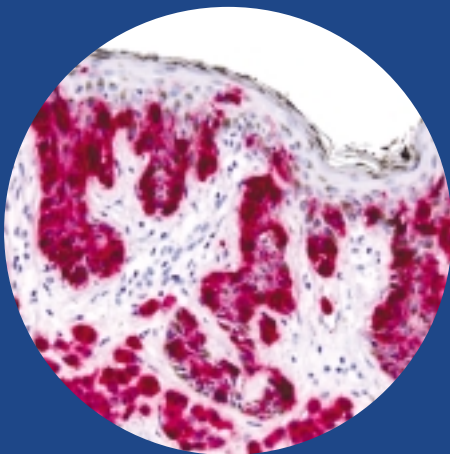
# one



An enzyme-antibody complex prepared by combining small amino acids polymers (carrier) with horse-radish peroxidase (HRP) or Alkaline Phosphatase (AP) and the secondary antibody

The secondary antibody is reduced to Fab' fragments in order to eliminate background staining and it has been solid phase adsorbed with human serum

The system is universal and can be used for the detection of both Mouse and Rabbit primary antibodies



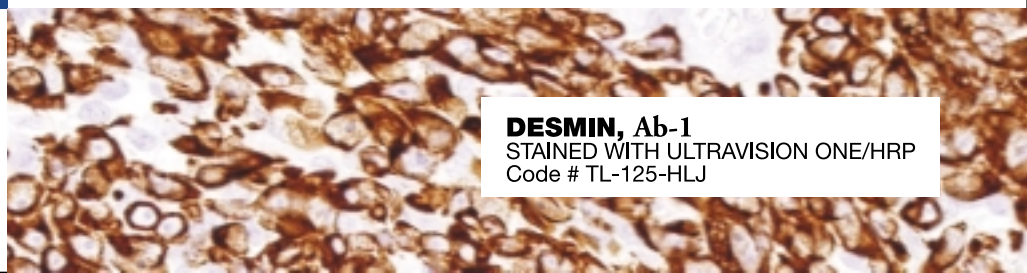
**MART-1**  
STAINED WITH ULTRAVISION ONE/AP  
Code # TL-125-AFJ

Ultravision ONE is the latest biotin-free detection system for Immunohistochemistry launched by Lab Vision Corporation

## THE PROCEDURE *for* ULTRAVISION ONE/HRP

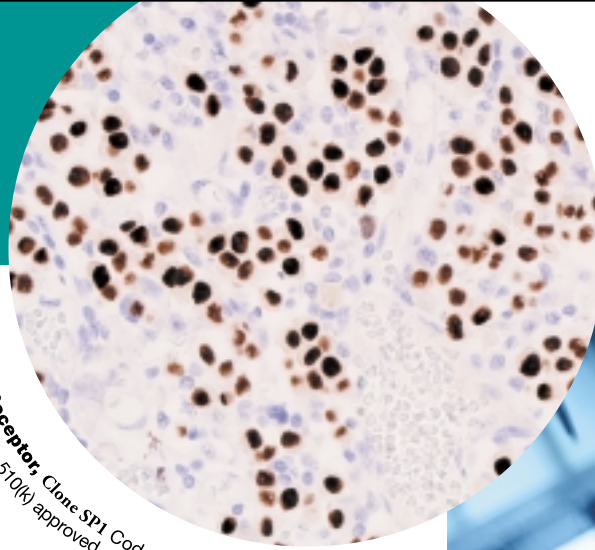
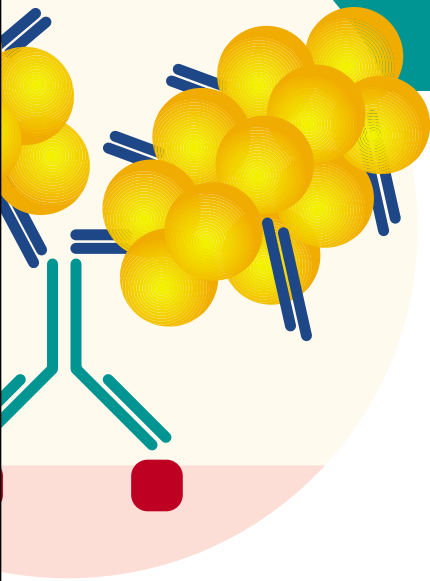
- De-paraffinize sections in xylene and re-hydrate sections through graded alcohols. Alternatively, use **Lab Vision's PT Module** to simultaneously de-paraffinize and perform heat-induced epitope retrieval.
- Wash in de-ionized water
- Perform HIER treatment as required if not using Lab Vision's PT Module
- Buffer rinse
- Apply Peroxidase Block** (TA-125-HP) to the slide and incubate for 5 min at RT
- Buffer rinse
- Apply Primary Antibody** and incubate for 30 min at RT
- Buffer rinse
- Apply Ultravision ONE** (TL-125-HDJ) and incubate for 30 min at RT
- Buffer rinse
- Apply Chromogen:** one-step DAB plus (TA-125-HDX)
- Rinse in deionized water
- Counterstain, rinse in water, clear and mount

**Sensitive**  
**Simple**  
**Fast**



**DESMIN, Ab-1**  
STAINED WITH ULTRAVISION ONE/HRP  
Code # TL-125-HLJ

**Sensitive  
Simple  
Fast**



Estrogen Receptor, Clone SP1 Code # RM-9101  
FDA 510(k) approved



## Ultravision *one* in:

Using the **Lab Vision Autostainer 720**, **72 slides** can be stained in **less than 4 hours** using **72 different primary antibodies!**

Maximum efficiency can be achieved in overall workflow by combining the **PTModule** for simultaneous dewaxing and epitope retrieval with the **Autostainer 720**.

**Ultravision ONE** is a **high sensitive** immunohistochemistry detection system. It produces **excellent, crisp** and **standardized results**. Being a **biotin-free polymer system**, problems with endogenous biotin background are eliminated. This is especially evident in biotin-rich tissue such as liver, spleen, kidney and breast.

The **Universal Ultravision ONE** can be used for the detection of Mouse and Rabbit primary antibodies.

It comes in **ready-to-use format**. Due to its superior performance there is no need for an enhancement step.

It is available in both the **HRP** and **AP systems**.



**T**IME SAVINGS  
THROUGH  
AUTOMATION  
EFFICIENCY

**P**ERFORMANCE  
& **S**ENSITIVITY

**S**IMPLICITY