Antigen Retrieval Solutions

BioGenex is the pioneer of developing antigen retrieval solutions, decal retrieval in decalcified tissues, and nucleic acid retrieval for immunohistochemistry (IHC), and in situ hybridization (ISH) applications. BioGenex's new EZ-AR™ Elegance antigen retrieval solutions eliminate common issues such as improper heat distribution, buffer evaporation, tissue drying, and boil-overs during antigen retrieval. Using EZ-AR™ Elegance solutions with the EZ-Retriever® Microwave System streamlines the retrieval processes, including Deparaffinization, rehydration, and antigen retrieval.

Antigen retrieval is an effective method of unmasking antigenic epitopes on the surface of formalin-fixed paraffin-embedded (FFPE) tissue sections. The antigen retrieval technique breaks the methylene bridges between epitopes and unrelated proteins to expose antigenic sites for antibody binding. Covered by exclusive patents issued to BioGenex, this method has been practiced in laboratories throughout the

1. Chemicals involved in tissue fixation create methylene cross-links between antigen and unrelated protiens
2. Antibody is unable to bind to antigen of interest
3. Antigen retrieval unmasks antigens by breaking cross-links, allowing the antibody to bind the antigen of interest

Results with EZ-AR™ Elegance series

Gastrin on Stomach

RCC-26

Laminin on Lung

CK5+14 on Prostate

Products	100ml (10x)	250ml (RTU)	500ml (10x)	1000ml (RTU)	Xmartx® Elite 200 tests	Xmartx® Infinity 200 tests
Antigen Retrieval AR-10 **(pH-10 @ 95°C temp)**	HK057-5K	HK058-5K	-	HK058-20K	-	-
Antigen Retrieval Citra **(pH-6.0 @ 95°C temp)**	HK086-5K	HK087-5K	HK086-9K	HK087-20K	-	-
Antigen Retrieval Citra Plus **(pH-6.2 @ 95°C temp)**	HK080-5K	HK081-5K	HK080-9K	HK081-20K	-	-
Antigen Retrieval solution EDTA **(pH-9 @ 95°C temp)**	-	-	-	HK549-XAK	-	-
DeCal Retrieval Solution	-	HK089-5K	-	-	-	-
H&E Retrieval Solution	HK169-5K	-	-	-	-	-
EZ-AR COMMON **(@ 95°C - 98°C temp)**	-	-	-	HK545-XOK	-	-
EZ-AR™ 1 **(pH-6.0 @ 95°C - 105°C temp)**	-	-	-	HK521-XAK	-	-
EZ-AR™ 1 Elegance **(pH-6.0 @ 95°C - 105°C temp)**	-	-	-	HK546-XAK	HX031-YCD	HX031-YCX
EZ-AR™ 2 **(pH-9 @ 95°C - 105°C temp)**	-	-	-	HK522-XAK	-	-
EZ-AR™ 2 Elegance **(pH-9 @ 95°C - 105°C temp)**	-	-	-	HK547-XAK	HX032-YCD	HX032-YCX

* 2 Gallons Pack Size: HK521-XIK - EZ-AR™ 1 | HK522-XIK - EZ-AR™ 2

EZ-AR™ Elegance solutions with the EZ-Retriever® Microwave System streamline the retrieval processes, including deparaffinization, rehydration, and antigen retrieval.

Parameters	EZ-RT (MW015-IR)	EZ-RT (MW016-IR)
Slide capacity	96 Slides	96 Slides
Oven capacity	30L	34L
Operating voltage	230 V AC, 50Hz	110 V AC, 60Hz
Microwave power	1500 W	1550 W
Dimensions (W/D/H)	24" X 16" X 12"	23" X 18" X 13"
Weight	46.3 lbs / 21kg	46.3 lbs / 21kg

EZ-Retriever® IR System

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