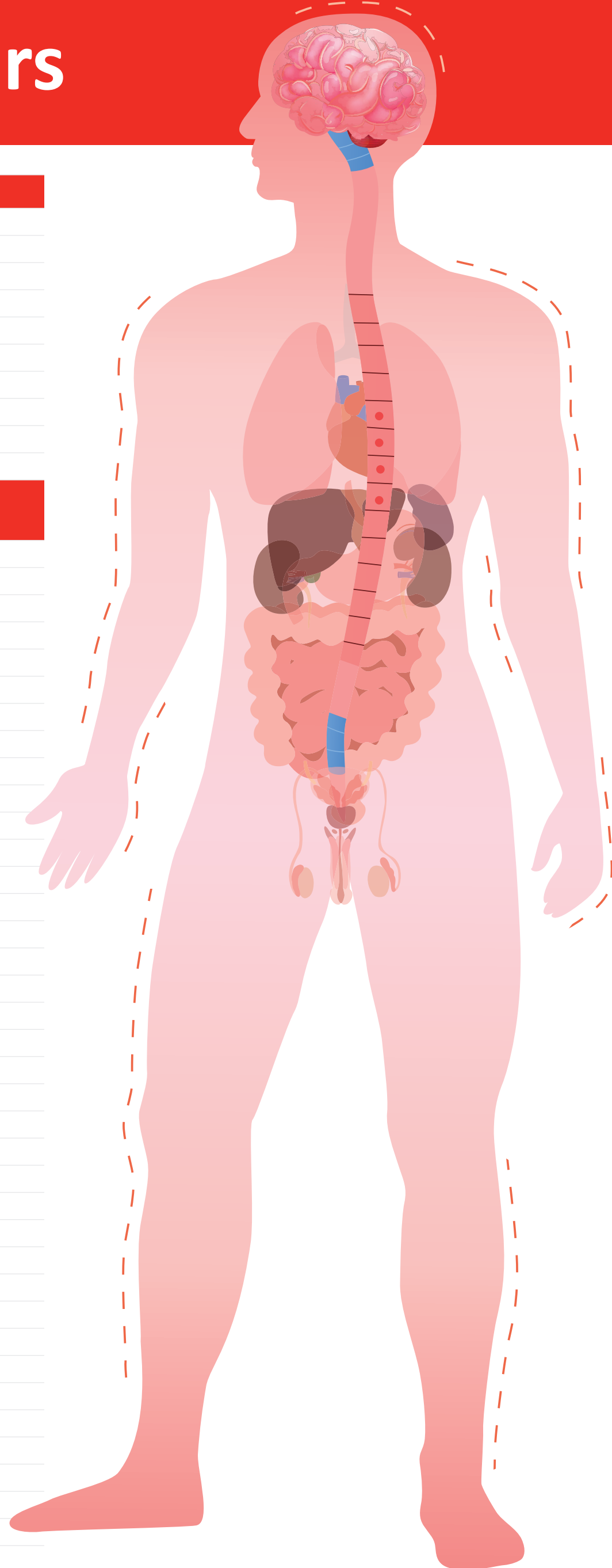


# Organ Specific IHC Panel Markers

IHC Made Affordable



## Bladder

- Uroplakin III
- Uroplakin II

## Blood Group

- Glycophorin A
- Glycophorin C
- Platelet Derived Growth Factor(PDGF)

## Breast Panel

- Androgen Receptor
- Bcl2
- β-Catenin
- BRCA-1 Protein
- CA19.9
- CA15.3
- Calponin
- Cathepsin D
- CD10
- CD117/C-kit
- CD44
- COX2
- Cytokeratin 5
- Cytokeratin5/14
- Cytokeratin 7
- Cytokeratin14
- Cytokeratin 5/6
- Cytokeratin8
- Cytokeratin 8/18
- CK.HMW
- CyclinD1
- E2F-1 Transcription
- Factor VIII
- EGFR
- E-cadherin
- ER
- GCDFP-15
- HER2/neu
- Pan-TRK
- p27Kip1
- P53
- PD-1
- PD-L1
- P63
- PCNA
- PR
- Retinoblastoma Gene
- Protein (Rb)
- PTEN
- Mammaglobin
- TIMP2

## Cell Death

- Caspase 1
- Caspase 2
- Caspase 8

## Cervical

- CA125
- Cdc47/MCM7
- CEA
- Claudin 1
- Cytokeratin7
- Cytokeratin 10
- Cytokeratin20
- Cytokeratin 13
- Cytokeratin14
- Cytokeratin19
- CD117/c-Kit
- c-Myc
- CD11c
- Cyclin E
- E-Cadherin
- HPV-16
- HSV-I & HSV-II
- HSV-II
- Ki67
- P16
- P63
- Topoisomerase II alpha
- TIMP-3

## Colon/Gastric

- β-Catenin
- CAM5.2
- CDX2
- Claudin-1
- COX2
- Cytokeratin 7
- Cytokeratin 19
- Cytokeratin 20
- Cytokeratin Pan
- c-Myc
- CEA
- CA19.9
- D2-40
- EGFR
- ERCC1
- Gastrin
- MLH1
- MSH2
- MSH6
- MUC1/EMA

## Mucin 5AC/Gastric

- Mucin
- p27Kip1
- PMS2
- P53
- Prohibitin
- TIMP-1
- Villin

## Endothelial Cell

- CD31
- CD34
- Factor XIII-A
- Flt-1/VEGFR1
- Flt-4
- Flk-1/KDR/VEGFR2
- MOC-31
- VEGF
- TNF alpha

## Extracellular Matrix

- Collagen Type IV
- Elastin
- Fibronectin
- Laminin
- Ki67
- Caspase 8
- TIMP2

## Gall Bladder & Pancreatic

- CD10
- β-Catenin
- Chromogranin A
- Cytokeratin 7
- Cytokeratin 19
- DOG1
- E-Cadherin
- Glypican 3
- Insulin
- MMP-9
- Pancreatic Polypeptide
- Rad51
- Smad4

## Hormone Regulated Proteins

- ACTH
- Cathepsin D
- Human Chorionic Gonadotropin (hCG)
- Heat Shock Protein 70

## Head&Neck

- Androgen Receptor
- CD117/c-Kit
- Cytokeratin 7
- ERCC1
- CD1a
- HPV-16
- Ku(p70)
- MMP-9
- SOX-10
- Galectin3

## Hematopoietic Lymphoid

- A20
- Alk/p80
- Bcl-6
- Bcl-10
- BOB.1
- CD1a
- CD3
- CD20
- CD4
- CD5
- CD8
- CD10
- CD15
- CD21
- CD23
- CD25
- CD30
- CD31
- CD43
- CD44
- CD45/LCA
- CD45RA
- CD45RO
- CD56
- CD57
- CD61
- CD63
- CD68
- CD74
- CD79a
- CD99
- CD138
- CD163
- EMA
- EBV
- GranzymeB

- Galectin-3
- Glycophorin A
- Hairy Cell Leukemia
- IgA
- IgD
- Insulin
- IgE
- IgM
- HLA-DR
- Kappa Light Chain
- Lysozyme
- Mast Cell Chymase
- Mast Cell Tryptase
- Macrophage
- Mammaglobin-A
- Myeloperoxidase (MPO)
- O (6) - Methylguanaine DNA
- Methyltransferase (MGMT)
- p57Kip2
- P53
- Perforin
- Tdt
- Fascin-1

## Infectious Diseases

- Adenovirus
- Cytomegalovirus (CMV)
- Epstein-Barr Virus (EBV)
- Helicobacter Pylori
- Herpes Simplex Virus Type I
- Herpes Simplex Virus Type II
- Herpes Simplex Virus Type I & II
- Herpesvirus 8
- Hepatitis B Surface Antigen (HBsAg)
- HHV8
- HPV 16
- Pneumocystis Carinii
- Treponema Pallidum

## Kidney

- AMACR
- Amyloid A
- CD10
- Ezrin/p81/Cytovillin
- C4d
- CD61
- PAX8
- Renal Cell Carcinoma
- WT1

## Liver

- Alpha-1 Fetoprotein (AFP)
- α- Antitrypsin
- Albumin
- α-Antichymotryosin
- β-Catenin
- CA 125
- Cytokeratin LMW (8/18)
- Cytokeratin HMW
- Cytokeratin19
- CEA
- Cyclin D1
- E- Cadherin
- Glypican-3
- HSP 70
- Hepatocyte Specific Antigen (HSA)
- P53
- PCNA
- SALL4
- VEGF

## Lung

- Cdc25A
- Calretinin
- CD56
- CEA
- Cytokeratin 5
- Cytokeratin 5/6
- Cytokeratin 7
- Cytokeratin 8/18
- Cytokeratin 20
- Chromogranin A
- Epithelial Antigen (Ber-EP4)
- E-cadherin
- EMA
- Factor VIII
- Major Vault Protein
- MVP/LRP
- NSE
- Napsin A
- p40
- P53
- PD-1
- PD-L1
- ROS1
- Synaptophysin
- TTF-1
- TAG-72/CA72-4
- XRCC1
- Topoisomerase II

## Mesothelioma

- Calretinin
- Mesothelioma
- Mesothelin
- GLUT-1
- WT1

## Muscle

- Caldesmon HMV
- Desmin
- Vimentin
- Myogenin
- MyoD1
- Myosin Skeletal
- α-Actinin, Sarcomeric
- Caldesmon
- Calponin-1
- α- Smooth muscle Actin

## Neuroendocrine

- Alpha-Actinin
- β-Amyloid
- Chromogranin A
- GFAP
- IDH1
- INSM1
- Myelin Basic Protein (MBP)
- Neurofilament
- NSE
- Synaptophysin
- Tau
- NKX2.2
- CD99
- Ferritin Light Chain
- Growth Hormone
- INSM1

## Ovarian

- BRCA1
- CA125
- CD99
- CDX-2
- Cytokeratin 7
- PAX-8
- TAG-72/CA 72-4

## Prostate

- Androgen Receptor
- Cadherin, Pan
- c-Myc
- ERG
- PIN-5
- (CK, HMW+P40+p504s)

- NKX3.1
- p504S/AMACR
- P63
- PSA
- PSAP
- PSMA

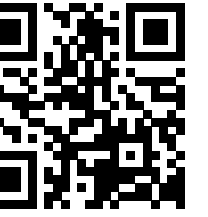
## Skin

- CD34 (QBEND/10)
- Cytokeratin (CAM5.2)
- Cytokeratin 7 (LP1K)
- Epithelial Antigen (Ber-EP4)
- PRAME
- HMB45
- MART-1
- Melanoma
- MITF
- Pan Cytokeratin (AE1/AE3)
- S100
- SOX-10
- Tyrosinase
- Adipophilin

## Thyroid

- Calcitonin
- AMACR
- Calbindin - D-28K
- CD10
- C4d
- CD61
- PAX8
- Renal Cell Carcinoma
- Thyroid Peroxidase
- TTF-1
- TSH-Receptor

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## Ancillaries

| #  | Cat.No     | Product Name                             | Clone          | Product Type       | Size   |
|----|------------|--|----------------|--------------------|--------|
| 1  | FD001-100  | FITC Diluent                             | Not Applicable | Accessory Products | 100ml  |
| 2  | K002       | CC/Mount                                 | Not Applicable | Accessory Products | 30ml   |
| 3  | K002-200   | CC/Mount                                 | Not Applicable | Accessory Products | 200ml  |
| 4  | K004       | Primary Antibody Diluent                 | Not Applicable | Accessory Products | 250ml  |
| 5  | K005       | Immuno Wash Buffer, 10X                  | Not Applicable | Accessory Products | 1L     |
| 6  | K009       | Solution Pepsin                          | Not Applicable | Accessory Products | 50ml   |
| 7  | K011       | Alk. Phos. Enhancer                      | Not Applicable | Accessory Products | 250ml  |
| 8  | K013       | Tissue Bond™                             | Not Applicable | Accessory Products | 7ml    |
| 9  | K013-200   | Tissue Bond™                             | Not Applicable | Accessory Products | 200ml  |
| 10 | K023       | Background Blocker (1X)                  | Not Applicable | Accessory Products | 100ml  |
| 11 | K024       | Fluoromount™                             | Not Applicable | Accessory Products | 25ml   |
| 12 | K024-200   | Fluoromount™                             | Not Applicable | Accessory Products | 200ml  |
| 13 | K030       | Proteinase K                             | Not Applicable | Accessory Products | 2ml    |
| 14 | K033       | Peroxidase Block                         | Not Applicable | Accessory Products | 50ml   |
| 15 | K035       | 10X Citrate Buffer, pH 6.0               | Not Applicable | Accessory Products | 500ml  |
| 16 | K036       | 10X Citrate Buffer, pH 7.0               | Not Applicable | Accessory Products | 500ml  |
| 17 | K037       | 10X Citrate Buffer, pH 8.0               | Not Applicable | Accessory Products | 500ml  |
| 18 | K038       | 10X EDTA Buffer, pH 8.0                  | Not Applicable | Accessory Products | 500ml  |
| 19 | K039       | Elite PAP Pen                            | Not Applicable | Accessory Products | 1 ea   |
| 20 | K042       | Mini Elite PAP Pen                       | Not Applicable | Accessory Products | 1 ea   |
| 21 | K043       | 10X Tris-EDTA Retrieval Buffer, pH 9.0   | Not Applicable | Accessory Products | 500ml  |
| 22 | K044       | 10X Antigen Retrieval Buffer High pH10.0 | Not Applicable | Accessory Products | 500ml  |
| 23 | K045       | Intensi/Fire                             | Not Applicable | Accessory Products | 15ml   |
| 24 | K046       | Histo/Zyme                               | Not Applicable | Accessory Products | 15ml   |
| 25 | K046-50    | Histo/Zyme                               | Not Applicable | Accessory Products | 50ml   |
| 26 | K048       | Fluoromount/Plus™                        | Not Applicable | Accessory Products | 25ml   |
| 27 | K048-200   | Fluoromount/Plus™                        | Not Applicable | Accessory Products | 200ml  |
| 28 | K053-06    | Broad Spectrum Negative Control          | Not Applicable | Accessory Products | 6ml    |
| 29 | K053-100   | Broad Spectrum Negative Control          | Not Applicable | Accessory Products | 100ml  |
| 30 | K053-25    | Broad Spectrum Negative Control          | Not Applicable | Accessory Products | 25ml   |
| 31 | K054       | Tissue Primer                            | Not Applicable | Accessory Products | 100ml  |
| 32 | K056-100AN | Hematoxylin                              | Not Applicable | Accessory Products | 100ml  |
| 33 | K065       | Mouse on Mouse Blocking Reagent          | Not Applicable | Accessory Products | 10ml   |
| 34 | K067-125AN | Tween 20                                 | Not Applicable | Accessory Products | 125ml  |
| 35 | K072-500AN | DAB Gone Kit                             | Not Applicable | Accessory Products | 500ml  |
| 36 | K076       | ImmunoHisto-Sealer                       | Not Applicable | Accessory Products | 30ml   |
| 37 | K076-1000  | ImmunoHisto-Sealer                       | Not Applicable | Accessory Products | 1000ml |
| 38 | K076-200   | ImmunoHisto-Sealer                       | Not Applicable | Accessory Products | 200ml  |
| 39 | K080       | 40X Immuno Wash Buffer                   | Not Applicable | Accessory Products | 250ml  |

| #  | Cat.No  | Product Name                                  | Clone                              | Product Type                   | Size           |
|----|---------|---|------------------------------------|--------------------------------|----------------|
| 40 | K082    | DP3 for One-Step Deparaffinization            | Not Applicable                     | Accessory Products             | 500ml/20 Runs  |
| 41 | K085    | Quatro Sol I 10X Citrate Buffer pH 6.0 Kit    | Not Applicable                     | Accessory Products             | 500ml/200 Runs |
| 42 | K086    | Quatro Sol II 10X Tris-EDTA Buffer pH 9.0 Kit | Not Applicable                     | Accessory Products             | 500ml/200 Runs |
| 43 | K093    | Rapid Histo-Sealer (10X) <sup>™</sup>         | Not Applicable                     | Accessory Products             | 10 ml          |
| 44 | K095    | Purple Hematoxylin for IHC                    | Not Applicable                     | Accessory Products             | 100 ml         |
| 45 | K096    | Tissue Glue                                   | Not Applicable                     | Accessory Products             | 50ml + 50ml    |
| 46 | K098    | Nuclear Fast Red for IHC                      | Not Applicable                     | Accessory Products             | 100 ml         |
| 47 | K100    | Blue Hematoxylin Kit                          | Not Applicable                     | Accessory Products             | 100 ml         |
| 48 | K108    | DAPI  | RTU<br>Fluorescent<br>Counterstain | Accessory Products             | 1ml            |
| 49 | K108-10 | DAPI  | RTU<br>Fluorescent<br>Counterstain | Accessory Products             | 10ml           |
| 50 | AR365   | Montage Opus 365 System                       | Not Applicable                     | Accessory Products-No Discount | 1 ea           |

## Chromogens

| #  | Cat.No            | Product Name                 | Clone          | Product Type | Size    |
|----|-------------------|------------------------------|----------------|--------------|---------|
| 51 | K047              | Stable DAB/Plus <sup>™</sup> | Not Applicable | Chromogens   | 5/200ml |
| 52 | K049              | PermaRed/AP                  | Not Applicable | Chromogens   | 30ml    |
| 53 | K049-110          | PermaRed/AP                  | Not Applicable | Chromogens   | 110ml   |
| 54 | K049-AUTO         | PermaRed/AP-Auto             | Not Applicable | Chromogens   | 30ml    |
| 55 | K049-AUTO-110     | PermaRed/AP-Auto             | Not Applicable | Chromogens   | 110ml   |
| 56 | K050              | Mono AEC/Plus                | Not Applicable | Chromogens   | 30ml    |
| 57 | K050-110          | Mono AEC/Plus                | Not Applicable | Chromogens   | 110ml   |
| 58 | K055              | High Contrast DAB            | Not Applicable | Chromogens   | 5/200ml |
| 59 | K057-AutoPlus     | PermaRed/AP-AutoPlus         | Not Applicable | Chromogens   | 30ml    |
| 60 | K057-AutoPlus-110 | PermaRed/AP-AutoPlus         | Not Applicable | Chromogens   | 110ml   |
| 61 | K058              | PermaBlue Plus/AP            | Not Applicable | Chromogens   | 30ml    |
| 62 | K058-110          | PermaBlue Plus/AP            | Not Applicable | Chromogens   | 110ml   |
| 63 | K059              | PermaGreen Plus/AP           | Not Applicable | Chromogens   | 30ml    |
| 64 | K059-110          | PermaGreen Plus/AP           | Not Applicable | Chromogens   | 110ml   |
| 65 | K060              | PermaYellow/HRP              | Not Applicable | Chromogens   | 30ml    |
| 66 | K060-110          | PermaYellow/HRP              | Not Applicable | Chromogens   | 110ml   |
| 67 | K062              | PermaBlack/HRP               | Not Applicable | Chromogens   | 30ml    |
| 68 | K062-110          | PermaBlack/HRP               | Not Applicable | Chromogens   | 110ml   |
| 69 | K063              | PermaBlue/HRP                | Not Applicable | Chromogens   | 30ml    |

| #  | Cat.No        | Product Name   | Clone          | Product Type | Size   |
|----|---------------|----------------|----------------|--------------|--------|
| 70 | K063-110      | PermaBlue/HRP  | Not Applicable | Chromogens   | 110ml  |
| 71 | K074          | PermaGreen/HRP | Not Applicable | Chromogens   | 30ml   |
| 72 | K074-110      | PermaGreen/HRP | Not Applicable | Chromogens   | 110ml  |
| 73 | K075          | PermaRed/HRP   | Not Applicable | Chromogens   | 30ml   |
| 74 | K075-110      | PermaRed/HRP   | Not Applicable | Chromogens   | 110ml  |
| 75 | K081-AUTO     | DAB Auto       | Not Applicable | Chromogens   | 30ml   |
| 76 | K081-AUTO-110 | DAB Auto       | Not Applicable | Chromogens   | 110ml  |
| 77 | K081-AUTO-1L  | DAB Auto       | Not Applicable | Chromogens   | 1000ml |



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