CYTOKERATIN-18 (CK18) TESTS

For Research Use Only

Epithelial Cell Death CK18 CK18 Nucleus Intact CK18 **Epithelial Cell Necrosis Apoptosis** Capase Cleavage of CK18 **CK18 Nucleus CK18** Necrotic **Apoptotic** Cell Cell Leakage of Full-Length CK18 Disintegration of Apoptotic Bodies and Release of ccCK18 Only Intact CK18 Capase Cleaved CK18 Asp396-neoepitope M65° ELISA M30 Apoptosense® ELISA M65 EpiDeath® ELISA M30 CytoDeath™ ELISA Measurement of intact and cleaved CK18 Measurement of cleaved CK18 only

M65® ELISA and M65 EpiDeath® ELISA measure total cell death (necrosis and apoptosis)

M30 Apoptosense® ELISA and M30 CytoDeath™

only measure apoptosis

THE DEAD CELLS STILL COUNT

Screen pro-apoptotic drugs and specifically measure apoptosis in epithelial cancers

Cell cultures

Multicellular spheroids



Human xenografts in mice

Detection of tumor apoptosis in plasma and tissue



Research studies

Detection of tumor cell death in serum/plasma and tissue



M30 CytoDeath™ ELISA

M30 Apoptosense® ELISA

M65 EpiDeath® ELISA / M65® ELISA

M30 CytoDeath™ Antibody

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