

Kit or device	SmartID probes - Extract of 2022 catalogue	Main application
Cell health assays	SmartID™ Green Probe for Lipase and Esterase	<i>Early diagnosis and monitoring of acute pancreatitis or progression of digestive diseases</i>
	SmartID™ Green Probe for β -galactosidase	<i>Cell senescence detection, gene reporter assay and cell imaging</i>
	SmartID™ Green Probe for Caspase 3	<i>Involved in the cleavage of amyloid-b 4A precursor protein; associated with neuronal death in Alzheimer's disease</i>
	SmartID™ Green Probe for Carboxylesterase	<i>Diagnostic of gastric cancers</i>
	SmartID™ Green Probe for NQO1(DTDiaphorase)	<i>Employed in the removal of a quinone from biological systems as a detoxification reaction</i>
Diagnostics	SmartID™ Green Probe for Beta-lactamase	<i>Antibiotic resistance to β-lactam in pathogenic bacteria</i>
	SmartID™ Green Probe for Nitroreductase	<i>Potential biomarker for aggressive tumors and hypoxic cancers</i>
	SmartID™ Green Probe for Caspase 3	<i>Involved in the cleavage of amyloid-b 4A precursor protein; associated with neuronal death in Alzheimer's disease</i>
	SmartID™ Green Probe for Dipeptidyl-peptidase IV	<i>Marker for various cancers</i>
	SmartID™ Green Probe for Beta-glucuronidase	<i>Gene reporter applications or identification of microorganisms such as Escherichia coli</i>
	SmartID™ Green Probe for Beta-galactosidase	<i>Cell senescence detection, gene reporter assay and cell imaging</i>
	SmartID™ Green Probe for Leucine aminopeptidase	<i>Characterization of catalase-negative gram-positive cocci in microbiology or the quality control of food industry enzymes</i>
	SmartID™ Green Probe for Alanine aminopeptidase	<i>Discrimination of Gram- / Gram+ bacteria. Found almost exclusively in Gram- microorganisms</i>
	SmartID™ Green Probe for Carbapenemase	<i>Antibiotic resistance to carbapenems in pathogenic bacteria</i>
	SmartID™ Green Probe for Aromatase	<i>Catalyses the last steps of estrogen biosynthesis (transforms androstenedione to estrone and testosterone to estradiol)</i>
	SmartID™ Green Probe for Tyrosinase	<i>Potential applications in cancer detection or cosmetic industry</i>
IVD-MD	SmartID™ Green Probe for Gamma-Glutamyltransferase (GGT)	<i>Diagnostic of liver diseases, cancer and cirrhosis</i>
	SmartID™ Green Probe for NQO1(DTDiaphorase)	<i>Application in bio-imaging for cancer diagnosis</i>
	SmartID™ Green Probe for Chymotrypsine	<i>Indicator of acute pancreatitis</i>
	SmartID™ Green Probe for Beta-lactamase	<i>Antibiotic resistance to β-lactam in pathogenic bacteria</i>
	SmartID™ Green Probe for Carbapenemase	<i>Antibiotic resistance to carbapenems in pathogenic bacteria</i>
Other	SmartID™ Green Probe for Caspase 3	<i>Involved in the cleavage of amyloid-b 4A precursor protein; associated with neuronal death in Alzheimer's disease</i>
	SmartID™ Green Probe for Alanine aminopeptidase	<i>Discrimination of Gram- / Gram+ bacteria. Found almost exclusively in Gram- microorganisms</i>
	SmartID™ Green Probe for α -glucosidase	<i>Screening of maltases in yeast</i>
	SmartID™ Green Probe for endo Beta-glucosidase (Cellulase)	<i>Biomasse valorisation or gene reporter assays</i>
	SmartID™ Green Probe for Pyroglutamate hydrolase	<i>This enzyme hydrolyzes pyroglutamic acid in the presence of ATP to glutamate plus ADP and inorganic phosphate</i>
	SmartID™ Green Probe for Carboxypeptidase G2	<i>Gene reporter assays and cell imaging</i>
	SmartID™ Green Probe for Porcine Liver Esterase	<i>Gene reporter assays and cell imaging</i>