

CHART FOR CHOOSING OF APPROPRIATE BLOCKERS



	protein-based blocker e.g. BSA-based	composites for blocking e.g. fish-based ones	synthetic blockers	powdered milk	CANDOR BSA-Block	CANDOR SmartBlock™	CANDOR The Blocking Solution
purity	+	-	++	---	+	+	+
lot-to-lot consistency	+/-*	---	++	---	+	++	++
pricing	medium to high	medium to high	cheap	cheap	medium	reasonably priced	high
effectivity of blocking	+ up to ++*	+ up to ++*	+	+	++	++	+++
risk of cross-reactivity	high	medium	low	high	high	low	low**
suitability for assays for education and training	+	+	+++	+++	+	++	+
suitability for simple assays for basic research	+	+	++	++	+	++	+
suitability for assays for medical and pharma- ceutical research	+/-	-	-	---	+	+	+++
suitability for pre-clinical and clinical studies	-/+	-	---	---	++	++	+++
suitability for quality control in pharmaceutical or biotechnological production	-/+	--	+/-	---	+	++	++
suitability for production of immunodiagnosics	+/-	-	-	---	+/-	++	+++

* highly dependent on the specific product

** reactivity against casein is possible

The valuations and recommendations in this chart are based on individual experience. They cannot be regarded as generally applicable. Therefore the real situation in a specific assay or for a specific intended use can differ from this chart.