



Product Specification

Product Name: **Substrate Buffer 10X Concentrate**

Product Code: **#SBC**

Lot Number: 373542

Storage: room/ambient temperature (recommended) or +2°/+8°C; when storing at room temperature avoid longer exposition to the direct sunlight; do not freeze

Expiration date: 05/2014

Appearance: Transparent - to - slightly yellowish liquid, 0.2/0.45µm-filterable, may form precipitate when being stored at lower temperature (will dissolve while warming)

Odour: Weak, characteristic

Total osmolarity: 0,5+/-0,02 M

pH: 4,5

Preservative/anti-microbial: 5-Nitro-5-Bromo-1,3-Dioxan (BND), 2500 ppm

QC release (processing ELISA plates in semiautomatic ELISA washer): Passed

NOTE: This product is for *in vitro* research or further IVD manufacturing use only.

SBC is a ten times concentrated liquid reagent recommended for using as a second wash and/or equilibrating buffer in 3D ImmunoFiltration (ABICAP™) assay format immediately before applying epTMB substrate. Mixing 1 Volume of SBC with 9 Volumes of pure deionised water will produce 10 Volumes of ready-to-use citrate buffer pH ~4,5 preserved with 250 ppm BND. Prepared Substrate Buffer will be stable many months when stored at room temperature away from direct light. For longer storage make sure that 0,2µm-filtered deionised water was used for diluting SBC.