

# Product of the Month

**SERVA**  
■ serving scientists ■

Get **20%** discount\* now!

October

\*For all SERVA customers within the EU. Outside Germany and Austria online shop orders only. Can not be combined with other discounts, promotions etc.

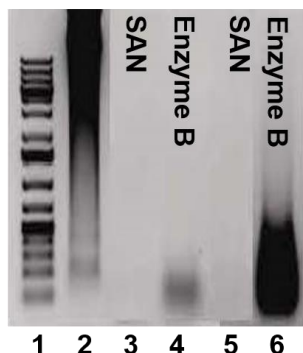
## Salt Active Nuclease – Your Choice for High Salt Conditions as Alternative to Benzonase®

### For Nucleic Acid-Free Protein Samples and Cell Lysates

#### Salt Active Nuclease

Salt Active Nuclease is a heat-labile, non-specific endonuclease that effectively degrades nucleic acids under high salt conditions ( $\leq 1$  M Fig. below). It digests DNA versus RNA in a 10:1 ratio.

Salt Active Nuclease will remove contaminating nucleic acids in a traditional protein buffer system. This guarantees the full protection of proteins while the nucleic acids are fully removed.



#### Figure:

Activity of Salt Active Nuclease (SAN) compared to another nuclease at different NaCl concentrations (pH 8.0).

Lane 1: Marker                      Lanes 3 + 4: 0.25 M NaCl  
Lane 2: Control                    Lanes 5 + 6: 1.0 M NaCl

#### Features

- Active at pH 7.5 – 9.5 (optimum: 9.0) and 10 °C to 50 °C (optimum: 35 °C)
- Tolerates:
  - NaCl (0.25 – 1 M; optimum: 500 mM)
  - Imidazol ( $\leq 350$  mM)
  - Glycerol ( $\leq 35$  %)
  - Tween 80 ( $\leq 5$  %)
  - IGEPAL CA-630 ( $\leq 0.1$  %)
  - Triton X-100 ( $\leq 0.1$  %)
- Easy inactivation by addition of reducing agents, e.g. dithiothreitol (DTT), tris (2-carboxyethyl) phosphine (TCEP) and by temperatures  $\geq 50$  °C

#### Ordering Information

	Size	Cat. no.	List Price	Special Price*
Salt Active Nuclease	5.000 U	18541.01	114.00 €	91.20 €

\* The special price is valid until October 31<sup>st</sup>, 2020.

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