

## Product datasheet

### DipnCheck AAV2 and AAV3 - lateral flow assay

#### Short overview

|                 |                       |
|-----------------|-----------------------|
| <b>Cat. No.</b> | PR5223                |
| <b>Quantity</b> | 25 Lateral flow tests |

#### Product description

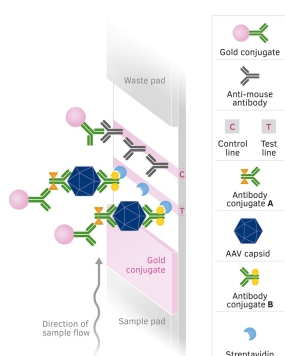
|                            |  |
|----------------------------|--|
| <b>Product description</b> | Rapid lateral flow test for the detection of AAV2 and AAV3 viral capsids in cell lysates or purified preparations. |
| <b>Storage</b>             | Box 1: 2-8°C; Box 2: up to 8 weeks at 2-8°C; long term storage at -20°C  |
| <b>Intended use</b>        | Research use only  |
| <b>Reactivity</b>          | AAV2, AAV3   |

#### Background

PROGENs DipnCheck AAV2 and AAV3 is a lateral flow sandwich assay for the detection of intact and fully assembled AAV2 or AAV3 capsids using an antibody specific for AAV2 and AAV3. The quick and reliable detection of AAV samples allows a rapid estimation and comparison of concentrations in various samples for further downstream analysis or purification steps (e.g. for finding the optimal dilution range for subsequent ELISA analysis). This lateral flow test is a semi-quantitative assay with a detection range of  $1.0E+08$ - $1.0E+10$  capsids of AAV2 and AAV3 in the assay volume of 156 µl. Within this range, a 2-fold concentration difference is clearly detectable.

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#### Product images



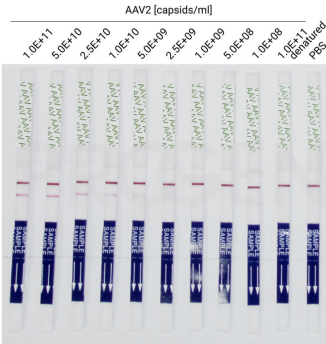
Dip'n'Check test principle

Table 1: Concentrations of tolerated buffer additives on the Dip'n'Check AAV2 and AAV3

| Additive*            | PR5223        |
|----------------------|---------------|
|                      | Concentration |
| Pluronic® F-68       | 0.1 %         |
| MgCl <sub>2</sub>    | 50 mM         |
| Triton™ X-100        | 0.5 %         |
| Deoxycholate         | 0.05 %        |
| TWEEN® 20            | 0.5 %         |
| EDTA                 | 10 mM         |
| NaCl                 | 500 mM        |
| Iodixanol (Optiprep) | 10 %          |
| HEK293 cell lysate   | 0.1 µg/µl     |
| Insect cell lysate   | 0.1 µg/µl     |

\*Additives were tested at the indicated concentration with no significant effect on the result of the lateral flow assay.

Concentrations of tolerated buffer additives on the DipnCheck AAV2 and AAV3



Dip'n'Check AAV2 dynamic range

