

# Concentrated Antibodies Detection Protocol (CAD)

## For Human, Mouse or Rat Chromosomes

**For Research Use Only - Not for use in Clinical Diagnosis**

**Important note:** In order to avoid repeated freezing and thawing, divide the content of vials 3 and 4 into small aliquots and store at -20°C.

**Caution:** Always wear gloves and safety glasses when working with any reagents and chemicals. Follow all laboratory safety guidelines when using this procedure

### Preparation of Vials 3 & 4:

#### *Vial No. 3*

Add 10µl from vial no.3 (taken from the CAD kit) to 1ml of 4XSSC.

#### *Vial No. 4*

Add 5 µl from vial no. 4 (taken from the CAD kit) to 1ml of 4XSSC.

#### *Method*

1. Use the diluted vials 3 and 4 according to the regular SKY protocol.
2. Discard the diluted antibodies at the end of the day.
3. If longer storage of the diluted vials 3 and 4 is required, add 1% of BSA fraction V (Roche 735078, and in the US only Roche 100062) to the 4XSSC solution

#### **For Example:**

**Add 0.1gr BSA to pre warmed (37°C) 10 ml 4XSSC. Vortex well and leave at RT until dissolved. Store at 4°C.**

4. When using this buffer, the diluted vials 3 and 4 will stay stable for several days up to a month.

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