Cytokinin | Trans-zeatin riboside (1mg)

**Background**
Cytokinins (CK) belong to a class of plant growth substances (plant hormones) which promote cell division by means of local and long distance signalling. Zeatin is an adenine-type cytokinin synthesised in stems, leaves and roots. Synonym: 9-[(?)-Ribofuranosyl]-trans-zeatin, N\(^6\)-(trans-4-Hydroxy-3-methyl-2-buten-1-yl)adenosine

**Immunogen**
BSA-conjugated, via ribose, trans-zeatin riboside

**Host**
Rabbit

**Clonality**
Polyclonal

**Purity**
Total IgG in PBS

**Format**
Lyophilized

**Quantity**
1 mg

**Reconstitution**
For reconstitution add 70 µl of sterile water.

**Storage**
Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes.

**Tested applications**
ELISA (ELISA), Radioimmunoassay (RIA)

**Related products**
- AS09 428 | anti-trans-zeatin riboside (antibody quantity:5mg)
- AS09 434 | anti-N6-isopentyladenosine
- AS09 419 | anti-cis-zeatin riboside
- AS09 416 | anti-dihydrozeatin riboside
- AS09 417 | anti-meta-topolin riboside
- AS09 418 | anti-ortho-topolin riboside
- AS09 419 | anti-cis-zeatin riboside
- AS09 425 | anti-N6-benzyladenosine
- AS09 443 | anti-kinetin riboside
- collection of antibodies to plant hormones

**Additional information**
Antibody detection limit is 7 pg, 20 fmol, linear range of logit/logplot is 0.023-15 pmol, midrange (B/Bo=50%) is 120 pg, 342 fmol

**Application information**

**Recommended dilution**
2-10 µl/15 ml; Specific information about dilution is going to be included on the vial.

**Confirmed reactivity**
Trans-zeatin riboside

**Predicted reactivity**
Trans-zeatin riboside

**Not reactive in**
No confirmed exceptions from predicted reactivity are currently known.

**Additional information**
For ELISA kit - please inquire
Selected references