

product **AS09 441**
IAA | indole-3-acetic acid (C1') (quantity:5mg)

product information

background	Indole 3 acetic acid (IAA) is the principal auxin in higher plants. This hormone is produced in cells in the apex and young leaves of a plant. Plant cells synthesize IAA from tryptophan. Different effects caused by auxines include: induction of cell elongation and cell division and have a subsequent results for plant growth and development.
immunogen	<u>BSA</u> -conjugated, via C1 carboxyl group, indole-3-acetic acid (C1')
antibody format	rabbit polyclonal total IgG in PBS
quantity	5 mg
storage	store at -20°C; 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)
additional information	detection limit is 12.25 pg, 7 fmol, linear range of logit/log plot is 0.02-10 pmol, midrange (B/ B ₀ =50 %) 44.28 pg, 253 fmol; unspecific binding 2.5%; for further antibody characteristics please check "more information" tab

application information

recommended dilution	2-10 µl/15 ml; specific information about dilution is going to be included on a vial
expected apparent MW	n.a.
confirmed reactivity	IAA indole-3-acetic acid (C1')
predicted reactivity	IAA indole-3-acetic acid (C1')
not reactive in	no confirmed exceptions from predicted reactivity known in the moment
additional information	for ELISA kit - please inquire
selected references	to be added when available