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# Purification of anti-anti-SpA antibody (Ab-2) using SpA-bearing Staphylococcus aureus cells.

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1 Works for me [dx.doi.org/10.17504/protocols.io.bjj9kkr6](https://dx.doi.org/10.17504/protocols.io.bjj9kkr6)

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## ABSTRACT

**A novel method was designed for the purification of Ab-2 from undiluted WSF of hyperimmune eggs. A total of six preparations were made.**

## DOI

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## PROTOCOL CITATION

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## MATERIALS

NAME	CATALOG #	VENDOR
Centrifuge 5424 R refrigerated with Rotor FA-45-24-11 rotary knobs 120 V/50 – 60 Hz (US)	5404000537	Eppendorf Centrifuge
Eppendorf Safe-Lock Tubes 1.5 mL PCR clean colorless 500 tubes	022363212	Eppendorf
SpA-bearing Staphylococcus aureus cells.		

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- 1 Mix in an Eppendorf microtube 0.9 ml of undiluted WSF from immunized birds with 25 µl of SpA-bearing *Staphylococcus aureus* cells (Sigma-Aldrich).
- 2 Incubate the microtube at 37°C for 30 min.
- 3 After the incubation period, centrifuge the microtube in an Eppendorf 5424 centrifuge for 5 min.
- 4 Observe the microtube that presents a pellet of Ab-1 bound-cells at the bottom ,and the supernatant, where Ab-2 is present.
- 5 Decant the Ab-2 containing supernatant to another tube.
- 6 . Store it at -20°C until further use.