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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	OKRA00051
Product Page	www.avivasysbio.com/immunoprecipitation-kit-okra00051.html
Name	Immunoprecipitation Kit (OKRA00051)
Conjugation	Unconjugated
Alias Symbols	FLAG Immunoprecipitation Kit, Immunoprecipitation Kit, DYKDDDDK, Anti-DYKDDDDK, IP
Reference	Brizzard BL, Chubet RG, Vizard DL.(1994) Immunoaffinity purification of FLAG epitope-tagged bacterial alkaline phosphatase using a novel monoclonal antibody and peptide elution. <i>Biotechniques</i> 4:730-5. Chiang CM, Roeder RG. (1993) Expression and purification of general transcription factors by FLAG epitope-tagging and peptide elution. <i>Pept Res.</i> 6(2):62-4. Knappik A, Pluckthun A. (1994) An improved affinity tag based on the FLAG peptide for the detection and purification of recombinant antibody fragments. <i>Biotechniques</i> 4:754-61.
Reconstitution and Storage	See Manual
Datasheets/Manuals	Printable datasheet for Immunoprecipitation Kit (OKRA00051)
Additional Information	Label: Unconjugated Preservative: The user should add a protease inhibitor cocktail to the lysis buffer especially if stored for future use.
Application Info	Aviva's Anti-DYKDDDDK (FLAG) Kit for Immunoprecipitation is intended to provide a simple, reliable and convenient purification system for recombinant proteins containing the FLAG epitope tag. Immunoprecipitation is a powerful technique for the isolation of proteins or protein complexes. Immunoprecipitation consists of several steps including cell lysis, binding of specific antigen to an antibody, antibody-antigen complex precipitation, precipitant wash steps and the dissociation of antigen from the complex. The FLAG epitope tag is a small but highly immunogenic peptide DYKDDDDK (N-Asp-Tyr-Lys-Asp-Asp-Asp-Asp-Lys-C), which allows fusion proteins to retain their original conformation and function. The hydrophilic character of FLAG increases the likelihood that it will be located on the surface of the fusion protein where it is accessible to antibodies. Aviva's Anti-DYKDDDDK (FLAG) Kit for Immunoprecipitation allows a rapid and efficient immunoprecipitation and elution of an active FLAG -tagged recombinant protein in less than 2 hours. The immunoprecipitation is performed with anti-FLAG antibody coupled to agarose beads, which are generated by covalently linking agarose to a highly specific mouse monoclonal antibody raised against FLAG. The provided protocol is a guideline. Any procedure can be altered according to specific experimental requirements. This kit is sufficient to perform 50 X 20 uL reactions and is stable for at least 1 year when stored as indicated.
Application	LFA

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.