

Catalase beads ab218718

画像数 2

製品の概要

製品名	Catalase beads
サンプルの種類	Urine, Serum, Plasma, Cell Lysate
製品の概要	<p>Catalase beads (ab218718) are used to remove hydrogen peroxide from biological samples prior to downstream analyses where the presence of hydrogen peroxide causes interference. They can be used on urine, serum, plasma or cellular extracts. ab218718 is well-suited for high throughput preparation protocols.</p> <p>ab218718 is manufactured using a proprietary method to covalently attach catalase to 6% cross-linked agarose beads. The coupling technique is optimized to give a high yield and recovery of catalase activity, and to ensure long term stability of the immobilized enzyme.</p> <p>ab218718 is available in 1 or 10 mL sizes of a 50% slurry of catalase agarose beads in PBS, with a capacity of 5 or 50 mL of sample, respectively.</p>
特記事項	<p>This product is manufactured by BioVision, an Abcam company and was previously called 7931 Immobilized Catalase Beads. 7931-1 is the same size as the 1 ml size of ab218718.</p> <p>Protocol</p> <p>You will also require 96-well polypropylene plates and a centrifuge for 96-well plates.</p> <p>Mix catalase beads gently to generate a homogeneous suspension (do not invert the tube). Add 10 µL of the catalase bead suspension to 50 µL of your sample.</p> <p>Incubate the sample at room temperature for fifteen minutes.</p> <p>Spin down the sample at 1000 x g for a minute at room temperature to pellet the beads at the bottom of the tube.</p> <p>Carefully collect the supernatant, taking care not to disturb the bead pellet. The sample is now ready for analysis.</p>

アプリケーション 適用あり: Purification

製品の特性

保存方法 Store at +4°C. Please refer to protocols.

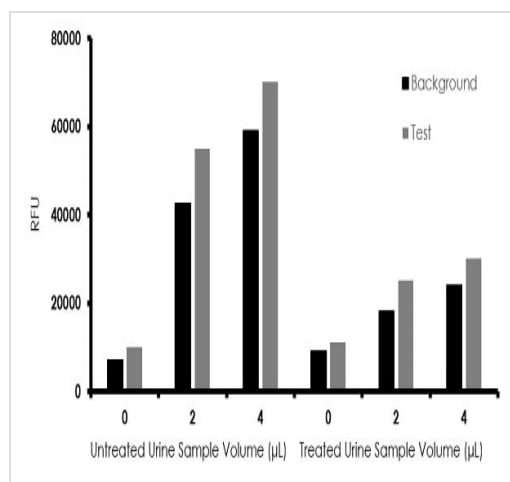
内容	1 ml	10 ml
Catalase Agarose Beads	1 x 1ml	1 x 10ml

アプリケーション

The Abpromise guarantee Abpromise保証は、 次のテスト済みアプリケーションにおけるab218718の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

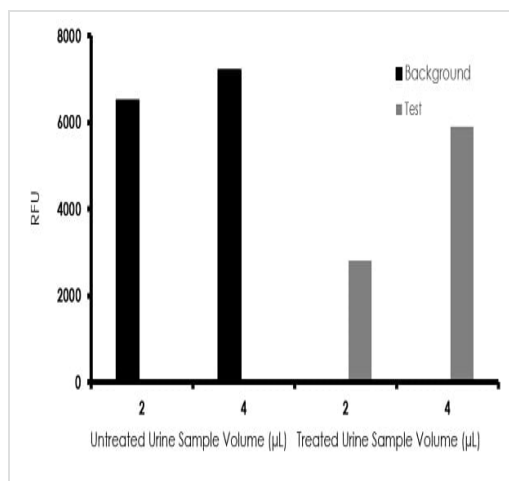
アプリケーション	Abreviews	特記事項
Purification		Use at an assay dependent concentration.

画像



Urine adenosine was measured using Abcam's Adenosine Fluorometric Assay Kit ([ab211094](#)) in 2x diluted -untreated and -treated (immobilized catalase beads ab218718 + enzyme mix for [ab211094](#)) urine sample. There is a considerable decrease in the sample background in the treated urine as compared to the untreated urine. After background subtraction, linearity across sample volume can be observed in the treated urine sample, but not in the untreated urine sample.

Immobilized Catalase beads minimize hydrogen peroxide background in urine adenosine measurement.



Immobilized Catalase beads minimize hydrogen peroxide background in urine adenosine measurement.

Urine adenosine was measured using Abcam's Adenosine Fluorometric Assay Kit (**ab211094**) in 2x diluted -untreated and -treated (immobilized catalase beads ab218718 + enzyme mix for **ab211094**) urine sample. There is a considerable decrease in the sample background in the treated urine as compared to the untreated urine. In the **ab211094** assay, intrinsic hydrogen peroxide and other substrates in the urine sample that also generate hydrogen peroxide are contributing to the background and the immobilized Catalase beads is minimizing such background.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.co.jp/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors