

Datasheet for ABIN1569002

KIAA1524 ELISA Kit



Sensitivity:



Overview	
Quantity:	96 tests
Target:	KIAA1524
Reactivity:	Human
Method Type:	Sandwich ELISA
Detection Range:	0.156 ng/mL - 10 ng/mL
Minimum Detection Limit:	0.156 ng/mL
Application:	ELISA
Product Details	
Purpose:	The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of CIP2A
	in human serum, plasma and other biological fluids.
Sample Type:	Plasma, Serum
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	This assay has high sensitivity and excellent specificity for detection of this index.
Cross-Reactivity (Details):	No significant cross-reactivity or interference between this index and analogues was observed.

exist.

0.057 ng/mL

Note: Limited by current skills and knowledge, it is impossible for us to complete the cross-

reactivity detection between this index and all the analogues, therefore, cross reaction may still

Product Details

Components:

- Pre-coated, ready to use 96-well strip plate
- · Standard (freeze dried)
- · Standard Diluent
- · Detection Reagent A
- · Detection Reagent B
- · Assay Diluent A
- · Assay Diluent B
- TMB
- · Stop Solution
- Wash Buffer (30X)
- Plate sealer for 96 wells
- Instruction manual

Material not included:

- 1. Microplate reader with 450 ± 10nm filter.
- 2. Precision single or multi-channel pipettes and disposable tips.
- 3. Eppendorf Tubes for diluting samples.
- 4. Deionized or distilled water.
- 5. Absorbent paper for blotting the microtiter plate.
- 6. Container for Wash Solution.

Target Details

Target:	KIAA1524
Alternative Name:	CIP2A (KIAA1524 Products)
Background:	Alternative name: p90, KIAA1524
Gene ID:	57650
UniProt:	Q8TCG1

Application Details		
Sample Volume:	100 μL	
Assay Time:	1 - 4.5 h	
Plate:	Pre-coated	
Protocol:	1. Prepare all reagents, samples and standards	
	2. Add 100µL standard or sample to each well. Incubate 2 hours at 37°C	
	3. Aspirate and add 100µL prepared Detection Reagent A. Incubate 1 hour at 37°C	
	4. Aspirate and wash 3 times	
	5. Add 100µL prepared Detection Reagent B. Incubate 1 hour at 37°C	

index. Standards or samples are then added to the appropriate microtiter plate wells with biotin-conjugated antibody preparation specific to the index. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TM substrate solution is added, only those wells that contain the index, biotin-conjugated and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reach terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of the indicate the samples is then determined by comparing the 0.D. of the samples to the standard of the samples is then determined by comparing the 0.D. of the samples to the standard of the index were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high the index were tested 0 n3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-assay: CV8lt10% Inter-assay: CV8lt10% Inter-assay: CV8lt10% Inter-assay: CV8lt10% The Stop Solution suggested for use with this kit is an acid solution. Wear eye, hand, fac clothing protection when using this material. Handling Precaution of Use: The Stop Solution suggested for use with this kit is an acid solution. Wear eye, hand, fac clothing protection when using this material. Handling Advice: The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit than 5 % within the expiration date under appropriate storage conditions. Note: To minin unnecessary influences on the performance, operation procedures and lab conditions, especially room temperature, air humidity and incubator temperatures should be strictly regulated. It is also strongly suggested that the whole assay is performed by the same experimenter from the beginning to the end. Storage: The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be storation proced		
8. Add 50jL Stop Solution. Read at 450nm immediately. The microtiter plate provided in this kit has been pre-coated with an antibody specific to index. Standards or samples are then added to the appropriate microtiter plate wells with biotin-conjugated antibody preparation specific to the index. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TM substrate solution is added, only those wells that contain the index, biotin-conjugated an and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate read terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of the indiction of t		6. Aspirate and wash 5 times
The microtiter plate provided in this kit has been pre-coated with an antibody specific to index. Standards or samples are then added to the appropriate microtiter plate wells will biotin-conjugated antibody preparation specific to the index. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TM substrate solution is added, only those wells that contain the index, biotin-conjugated an and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reac terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of the individes amples is then determined by comparing the O.D. of the samples to the standard color the samples is then determined by comparing the O.D. of the samples to the standard color the individed and high the index were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays). 3 samples with low, middle and high the index were tested on 3 different plates, 8 replicates in each plate. CV(%) = 50/meanX100 Intra-assay: CV&It10% Inter-assay: CV&It10% Inter-assay: CV&It10% The Stop Solution suggested for use with this kit is an acid solution. Wear eye, hand, fac clothing protection when using this material. Handling Precaution of Use: The Stop Solution suggested for use with this kit is an acid solution. Wear eye, hand, fac clothing protection when using this material. The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit than 5 % within the expiration date under appropriate storage conditions. Note: To minin unnecessary influences on the performance, operation procedures and lab conditions, especially room temperature, air humidity and incubator temperatures should be strictly regulated. It is also strongly suggested that the whole assay is performed by the same experimenter from the beginning to the end. The Assay Plate, Standard, Det		7. Add 90µL Substrate Solution. Incubate 15-25 minutes at 37°C
index. Standards or samples are then added to the appropriate microtiter plate wells with biotin-conjugated antibody preparation specific to the index. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TM substrate solution is added, only those wells that contain the index, biotin-conjugated and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reac terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of the inde the samples is then determined by comparing the 0.D. of the samples to the standard or intra-assay Precision (Precision within an assay): 3 samples with low, middle and high the index were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high the index were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-assay: CV&It10% Inter-assay: CV&It10% Inter-assay: CV&It12% Restrictions: For Research Use only The Stop Solution suggested for use with this kit is an acid solution. Wear eye, hand, fac clothing protection when using this material. Handling Precaution of Use: The Stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit than 5 % within the expiration date under appropriate storage conditions. Note: To minin unnecessary influences on the performance, operation procedures and lab conditions, especially room temperature, air humidity and incubator temperatures should be strictly regulated. It is also strongly suggested that the whole assay is performed by the same experimenter from the beginning to the end. Storage: 4 °C, 20 °C Storage Comment: The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be storage in the processor of the processor of the life. Substrate should be always stored at		8. Add 50µL Stop Solution. Read at 450nm immediately.
biotim-conjugated antibody preparation specific to the index. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated, After TM substrate solution is added, only those wells that contain the index, biotin-conjugated and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reac terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of the indithe samples is then determined by comparing the 0.D. of the samples to the standard or the index were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high the index were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-assay: CV&It10% Inter-assay: CV&It12% Restrictions: For Research Use only Handling Precaution of Use: The Stop Solution suggested for use with this kit is an acid solution. Wear eye, hand, fac clothing protection when using this material. Handling Advice: The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit than 5 % within the expiration date under appropriate storage conditions. Note: To minim unnecessary influences on the performance, operation procedures and lab conditions, especially room temperature, air humidity and incubator temperatures should be strictly regulated. It is also strongly suggested that the whole assay is performed by the same experimenter from the beginning to the end. Storage: 4 °C,-20 °C Storage Comment: The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be storage comment:	Assay Procedure:	The microtiter plate provided in this kit has been pre-coated with an antibody specific to the
Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TM substrate solution is added, only those wells that contain the index, biotin-conjugated and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reac terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of the indit the samples is then determined by comparing the O.D. of the samples to the standard or the samples is then determined by comparing the O.D. of the samples to the standard or interest of the individual of the index were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high the index were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-assay: CV&It10% Inter-assay: CV&		index. Standards or samples are then added to the appropriate microtiter plate wells with a
substrate solution is added, only those wells that contain the Index, biotin-conjugated an and enzyme-conjugated Avidir will exhibit a change in color. The enzyme-substrate reacterminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of the indicates the samples is then determined by comparing the O.D. of the samples to the standard or the samples is then determined by comparing the O.D. of the samples to the standard or the samples in the index were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high the index were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-assay CV&It10% Inter-assay: CV&It12% Restrictions: For Research Use only Handling Precaution of Use: The Stop Solution suggested for use with this kit is an acid solution. Wear eye, hand, facted clothing protection when using this material. Handling Advice: The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit than 5 % within the expiration date under appropriate storage conditions. Note: To mining unnecessary influences on the performance, operation procedures and lab conditions, especially room temperature, air humidity and incubator temperatures should be strictly regulated. It is also strongly suggested that the whole assay is performed by the same experimenter from the beginning to the end. Storage: 4 °C,-20 °C Storage: 4 °C,-20 °C Storage Comment: The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be storage comment: The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be storage.		biotin-conjugated antibody preparation specific to the index. Next, Avidin conjugated to
and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reacterminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of the indicate the samples is then determined by comparing the O.D. of the samples to the standard or the samples of the samples of the samples of the indicate the index were tested 20 times on one plate, respectively. Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high the index were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-assay CV&It10% Inter-assay CV&It12% Restrictions: For Research Use only Handling Precaution of Use: The Stop Solution suggested for use with this kit is an acid solution. Wear eye, hand, fac clothing protection when using this material. Handling Advice: The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit than 5 % within the expiration date under appropriate storage conditions. Note: To mining unnecessary influences on the performance, operation procedures and lab conditions, especially room temperature, air humidity and incubator temperatures should be strictly regulated. It is also strongly suggested that the whole assay is performed by the same experimenter from the beginning to the end. Storage: 4 °C,-20 °C Storage Comment: The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be storage comment: The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be storage.		Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB
terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of the indicate the samples is then determined by comparing the 0.D. of the samples to the standard or the samples is then determined by comparing the 0.D. of the samples to the standard or the index were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high the index were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-assay: CV<10% Inter-assay: CV<10% Inter-assay: CV<12% Restrictions: For Research Use only The Stop Solution suggested for use with this kit is an acid solution. Wear eye, hand, fac clothing protection when using this material. The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit than 5 % within the expiration date under appropriate storage conditions. Note: To minim unnecessary influences on the performance, operation procedures and lab conditions, especially room temperature, air humidity and incubator temperatures should be strictly regulated. It is also strongly suggested that the whole assay is performed by the same experimenter from the beginning to the end. Storage: 4 °C-20 °C The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be storage Comment: The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be storage.		substrate solution is added, only those wells that contain the index, biotin-conjugated antibody
spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of the indi- the samples is then determined by comparing the O.D. of the samples to the standard of the samples is then determined by comparing the O.D. of the samples to the standard of the samples is then determined by comparing the O.D. of the samples to the standard of the index were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high the index were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-assay: CV<10% Inter-assay: CV<12% Restrictions: For Research Use only The Stop Solution suggested for use with this kit is an acid solution. Wear eye, hand, fac clothing protection when using this material. The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit than 5 % within the expiration date under appropriate storage conditions. Note: To minin unnecessary influences on the performance, operation procedures and lab conditions, especially room temperature, air humidity and incubator temperatures should be strictly regulated. It is also strongly suggested that the whole assay is performed by the same experimenter from the beginning to the end. Storage: 4 "C-20 "C The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be stor 20 "C upon being received. After receiving the kit, Substrate should be always stored at		and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is
the samples is then determined by comparing the O.D. of the samples to the standard of the samples of the samples with low, middle and high the index were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high the index were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-assay: CV<10% Inter-assay: CV<12% Restrictions: For Research Use only The Stop Solution suggested for use with this kit is an acid solution. Wear eye, hand, fact clothing protection when using this material. Handling Advice: The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit than 5 % within the expiration date under appropriate storage conditions. Note: To minimunecessary influences on the performance, operation procedures and lab conditions, especially room temperature, air humidity and incubator temperatures should be strictly regulated. It is also strongly suggested that the whole assay is performed by the same experimenter from the beginning to the end. Storage: 4 °C,-20 °C The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be storagon to the same always stored at 20°C upon being received. After receiving the kit, Substrate should be always stored at		terminated by the addition of sulphuric acid solution and the color change is measured
Assay Precision: Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high the index were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high the index were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-assay: CV&It10% Inter-assay: CV&It12% Restrictions: For Research Use only Handling Precaution of Use: The Stop Solution suggested for use with this kit is an acid solution. Wear eye, hand, fac clothing protection when using this material. Handling Advice: The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit than 5 % within the expiration date under appropriate storage conditions. Note: To minim unnecessary influences on the performance, operation procedures and lab conditions, especially room temperature, air humidity and incubator temperatures should be strictly regulated. It is also strongly suggested that the whole assay is performed by the same experimenter from the beginning to the end. Storage: 4 °C,-20 °C The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be storagon received. After receiving the kit, Substrate should be always stored at		spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of the index in
the index were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high the index were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-assay: CV<10% Inter-assay: CV<10% Inter-assay: CV<12% Restrictions: For Research Use only The Stop Solution suggested for use with this kit is an acid solution. Wear eye, hand, fac clothing protection when using this material. Handling Advice: The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit than 5 % within the expiration date under appropriate storage conditions. Note: To mining unnecessary influences on the performance, operation procedures and lab conditions, especially room temperature, air humidity and incubator temperatures should be strictly regulated. It is also strongly suggested that the whole assay is performed by the same experimenter from the beginning to the end. Storage: 4 °C,-20 °C Storage Comment: The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be storage completed and procedures and the should be storage comment: The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be storage.		the samples is then determined by comparing the O.D. of the samples to the standard curve.
Precaution of Use: The Stop Solution suggested for use with this kit is an acid solution. Wear eye, hand, fac clothing protection when using this material. Handling Advice: The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit than 5 % within the expiration date under appropriate storage conditions. Note: To minim unnecessary influences on the performance, operation procedures and lab conditions, especially room temperature, air humidity and incubator temperatures should be strictly regulated. It is also strongly suggested that the whole assay is performed by the same experimenter from the beginning to the end. Storage: 4 °C,-20 °C Storage Comment: The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be stor 20 °C upon being received. After receiving the kit, Substrate should be always stored at	Assay Precision:	 Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level the index were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100 Intra-assay: CV&lt10%
Precaution of Use: The Stop Solution suggested for use with this kit is an acid solution. Wear eye, hand, fac clothing protection when using this material. Handling Advice: The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit than 5 % within the expiration date under appropriate storage conditions. Note: To minim unnecessary influences on the performance, operation procedures and lab conditions, especially room temperature, air humidity and incubator temperatures should be strictly regulated. It is also strongly suggested that the whole assay is performed by the same experimenter from the beginning to the end. Storage: 4 °C,-20 °C Storage Comment: The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be storage comments.	Restrictions:	For Research Use only
clothing protection when using this material. Handling Advice: The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit than 5 % within the expiration date under appropriate storage conditions. Note: To mining unnecessary influences on the performance, operation procedures and lab conditions, especially room temperature, air humidity and incubator temperatures should be strictly regulated. It is also strongly suggested that the whole assay is performed by the same experimenter from the beginning to the end. Storage: 4 °C,-20 °C Storage Comment: The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be storage comments. Storage comments and Detection Reagent B should be storage.	Handling	
than 5 % within the expiration date under appropriate storage conditions. Note: To mining unnecessary influences on the performance, operation procedures and lab conditions, especially room temperature, air humidity and incubator temperatures should be strictly regulated. It is also strongly suggested that the whole assay is performed by the same experimenter from the beginning to the end. Storage: 4 °C,-20 °C The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be stor 20 °C upon being received. After receiving the kit, Substrate should be always stored at	Precaution of Use:	The Stop Solution suggested for use with this kit is an acid solution. Wear eye, hand, face, and clothing protection when using this material.
Storage Comment: The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be stor 20°C upon being received. After receiving the kit, Substrate should be always stored at	Handling Advice:	especially room temperature, air humidity and incubator temperatures should be strictly regulated. It is also strongly suggested that the whole assay is performed by the same
20°C upon being received. After receiving the kit, Substrate should be always stored at	Storage:	4 °C,-20 °C
	Storage Comment:	The Assay Plate, Standard, Detection Reagent A and Detection Reagent B should be stored at -20°C upon being received. After receiving the kit, Substrate should be always stored at 4°C.Other reagents are kept according to the labels on vials. But for long term storage, please

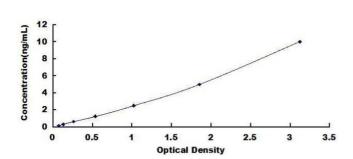
Handling

keep the whole kit at -20°C. The unused strips should be kept in a sealed bag with the desiccant provided to minimize exposure to damp air. The test kit may be used throughout the expiration date of the kit (six months from the date of manufacture). Opened test kits will remain stable until the expiring date shown, provided it is stored as prescribed above.

Expiry Date:

12 months

Images



ELISA

Image 1.