

Human Xeroderma Pigmentosum, Complementation Group G (XPG) CLIA Kit | XPG clia kit

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CATALOG #
AAA130364

REACTIVITY
Human

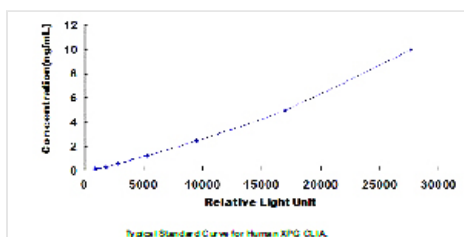
PRODUCT SYNONYMS

Xeroderma Pigmentosum; Complementation Group G (XPG); Human Xeroderma Pigmentosum; Complementation Group G (XPG) CLIA Kit; ERCM2; ERCC5; UVDR; XPGC; Excision Repair Cross-Complementing Rodent Repair Deficiency 5; Cockayne Syndrome; DNA repair protein complementing XP-G cells; XPG clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Xeroderma Pigmentosum, Complementation Group G (XPG). No significant cross-reactivity or interference between Xeroderma Pigmentosum, Complementation Group G (XPG) and analogues was observed.
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates and other biological fluids
Detection Range	13.7-10,000pg/mL
Sensitivity	5.9pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Xeroderma Pigmentosum, Complementation Group G (XPG) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Xeroderma Pigmentosum, Complementation Group G (XPG) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for XPG clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Xeroderma Pigmentosum, Complementation Group G (XPG). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Xeroderma Pigmentosum, Complementation Group G (XPG). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Xeroderma Pigmentosum, Complementation Group G (XPG) level in the sample or standard.;
Product Categories/Family for XPG clia kit	Developmental science; Dermatology

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-clia-kits/xeroderma-pigmentosum-complementation-group-g-xpg/130364>