

Fapon announces the second COVID-19 donation to support the global pandemic battle with **free Anti-SARS-CoV-2 Fully Human RBD IgM & IgG QC Materials for the usage of 100 million tests**. The [first donation](#) was initiated in quarter one to give 3 million PCR test components to solve the shortage of raw materials and test development challenges of global IVD partners.

Currently, the daily production of COVID-19 antibody tests is massive, as it is not only applied to assess infection but also other medical fields. However, news of false negatives caused by antibody tests has never stopped. In response to this problem, **Fapon introduces RBD IGM/IGG QC MATERIALS** to meet the **urgent demand for development and optimization of reliable quality controls for high-quality antibody tests**.

"Act to Enable Earlier Disease Identification, More Convenient, Accurate and Affordable Diagnosis, it's our mission upon the fight of COVID-19!"

Donation Program Details

[Apply Now](#)

Eligible Applicant:

SARS-CoV-2 antibody & neutralizing antibody test reagent manufacturer

Product:

Anti-SARS-CoV-2 fully human RBD IgM & IgG QC materials

Application:

Reagent quality control and manufacture

Quantity:

1. QC material usage of 100 Million tests
 2. Approx. 500–5000 K per eligible applicant after evaluation
- * Donated test volume is based on Fapon internal testing titer of the quality control on different platforms

Application Process:

1. Application via <https://www.surveymonkey.com/r/FPQCDONATION>
2. Fapon will review the application and contact for information verification
3. Quantity will be assigned to each eligible applicant after evaluation
4. Shipping arrangement

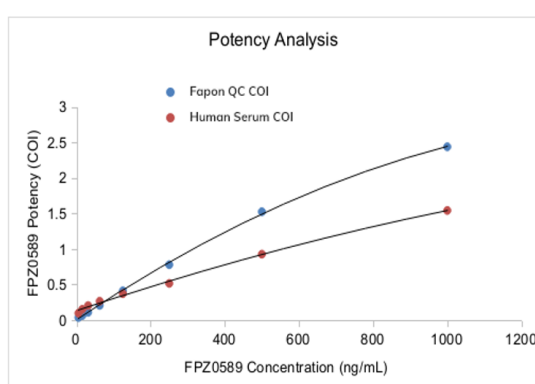
* Fapon reserves the right of interpretation and change the arrangement of the donation

In The Heart of Reliable COVID-19 Antibody Tests Fapon Fully Human RBD IgM & IgG QC Materials

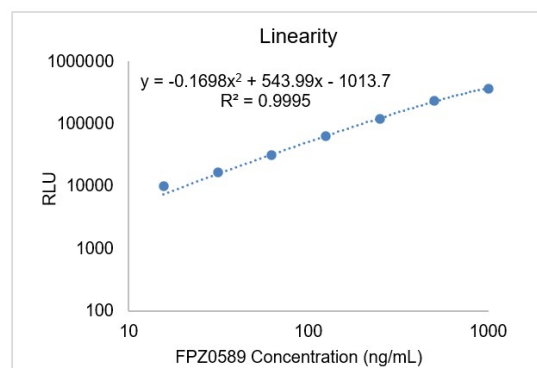
- High batch-to-batch consistency, bulk volume per single batch
- Formulate based on the human matrix, analogous to patient samples
- High purity and activity
- Non-infectious, enabling safe handling
- Validated by different test platforms (CLIA/CMIA/ELISA/Lateral Flow)

Fapon IgM Monoclonal Antibodies (mAbs) CMIA Performance

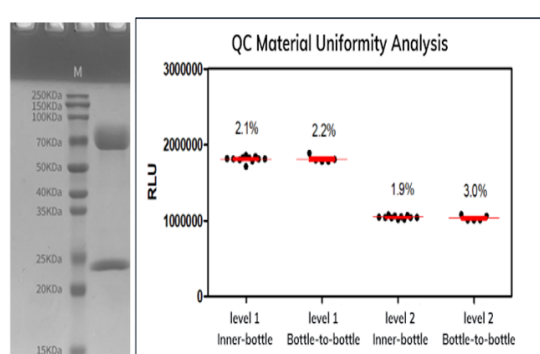
The activity of Fapon IgM mAbs covered two COI levels within the concentration range 500 to 1000 ng/mL



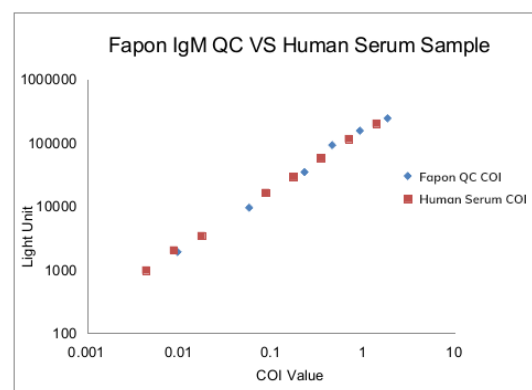
Fapon IgM mAbs exhibited excellent linearity within the dilution range 10 to 1000 ng/mL, suggested good ability to assess reagent performance variation



Fapon IgM mAbs demonstrated high purity and uniformity with no apparent difference in the precision between inner-bottle and bottle-to-bottle



Fapon IgM mAbs demonstrated a consistent reaction pattern with the clinical human serum sample



COVID-19 Related Products

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- N & S proteins for antibody test
- Antibodies for antigen test
- Antigens for neutralizing antibody test
- Secondary antibodies
- PCR mixes
- Enzymes for nucleic acid test
- Prep. kits for NGS



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