



**APHIA**

ABN: 68 833 221 281

**ASIA PACIFIC HISTOCOMPATIBILITY  
and  
IMMUNOGENETICS ASSOCIATION**

**APHIA Quality Assurance Program 2024**

**A. Serology CDC Crossmatching**

This QAP consists of 16 (8 T cell and 8 B cell) crossmatch exercises (2 serum sent 4 times per year (March, May, August, and September) to be crossmatched with 2 supplied cells. *Please note: there are a small number of laboratories participating in CDC crossmatching, therefore there will be insufficient results to provide a consensus result.*

**B. Flow Cytometry Crossmatching**

This QAP consists of 16 (8 T cell and 8 B cell) crossmatch exercises (2 serum sent 4 times per year (March, May, August and September) to be crossmatched with 2 supplied cells

**Note:** The HLA typing results of the cells for serology and flow crossmatching will be supplied

**C. Sera for antibody detection**

This QAP will consist of 12 sera for antibody analysis. 3 sera will be sent in the months of (March, May, August and September). Serums 1 and 2 in each exchange match the CDC and flow crossmatch serum.

**D. Molecular HLA-Class 1 and Class 2 typing**

This QAP consists of a total of 12 buffy coat samples annually (4 samples, 3 times per year). Samples will be sent in the months March, May and August.

**E. Virtual Crossmatch Education exercise**

Data to perform a virtual crossmatch exercise will be distributed 3-4 times per year.



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**Pricing:**

(All pricing inclusive of 10% GST for Australian based laboratories and 10% extra courier cost for overseas laboratories). If world courier or another option is required to be used for transport of samples additional charges apply (price quote on application).

A. CDC Crossmatch	\$750
B. Flow Cytometry Crossmatch	\$750
C. Sera for antibody detection	\$500
D. Molecular HLA typing	\$750
E. Virtual crossmatch exercise	no cost.