Figure 11.1. Protein array types: (a) Sandwich method (b) Antigen method
Figure 11.2. Protein array analysis schematic

- Collect protein sample
- Antibody/Antigen microarray
  + Fluorescent label

- Biological question
- Perform microarray experiment
- Scan image
- Convert scanned Image into spotted image
- Adjust for background
- Transfer data
- Normalize data
- Assess quality of normalized data
- Analyze data
- Interpret and report findings

- Protein detection
- Measure protein abundance
- Differential protein expression
- Functional proteomics
- Protein-protein interactions
Fig 11.3 Concordance correlations for antigen and antibody arrays
Fig 11.4 Concordance correlations for antigen arrays versus antibody arrays (with the identity line)