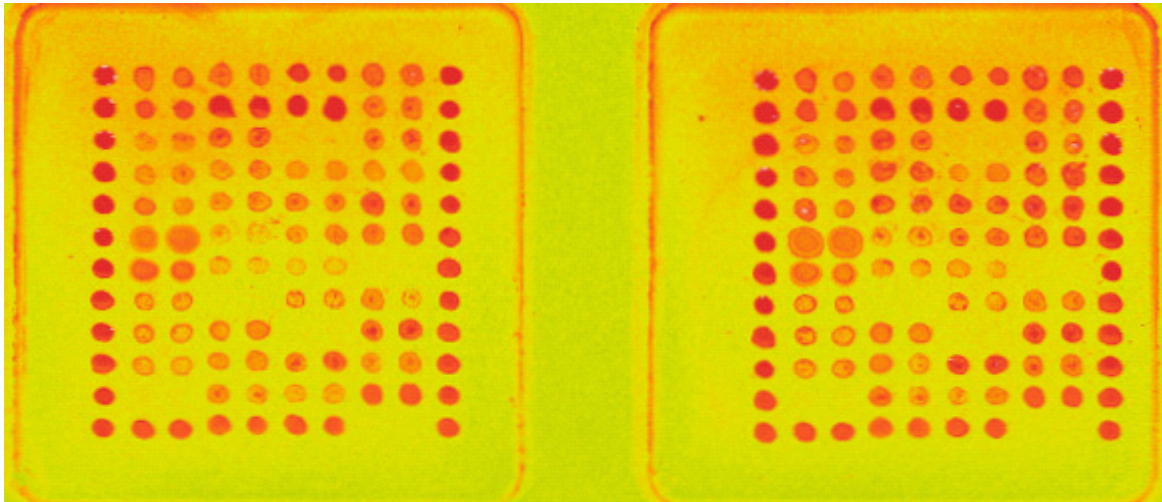


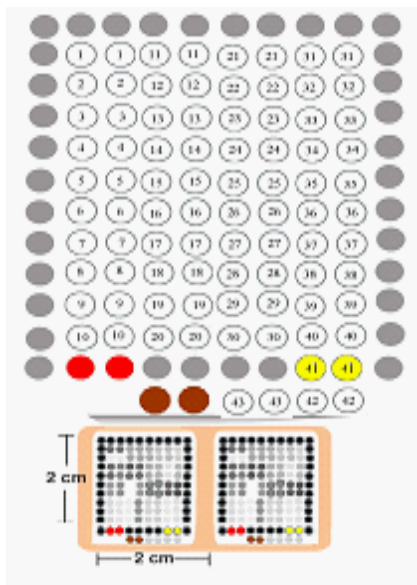


# Cardiovascular Biomarker Chip

*Customized Version Also Available*



**Cardiovascular Hormone  
Results from a small sample**



#### Each Kit Contains:

2 Biomarker Array Slides with the following components:

Amount	Name of item
1	NHS-Biotin
2	Separation beads (or 2 Spin Columns upon request)
1	DY647 labeled Streptavidin
1	DY547 labeled Anti-rabbit mouse Antibodies
1	HABA/Avidin Mixture
1	Biotinylation buffer
1	20X Phosphate Buffer Saline
1	Blocking Buffer
1	1X Assay Buffer
1	BCA Protein Assay (Reagent A, B, and Standard)
1	Slide Frame
1	1X Tris-HCL Buffer
1	Slide Chamber & Acetate Plate Sealer
1	Compact disk of calculation programs



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## Using Phoenix's CVD Biomarker to Study Angiogenesis and Anti-angiogenesis

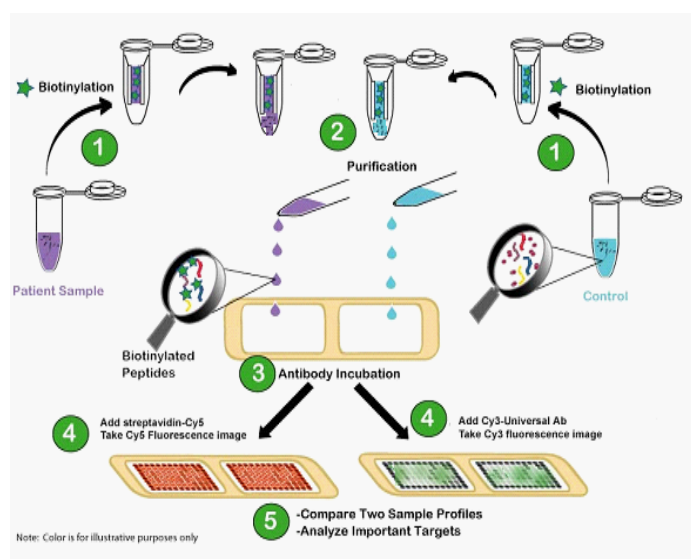
### Pro-angiogenesis Peptides:

1. Angiotensin II (ANG II)
2. Relaxin
3. Adrenomedullin (AM)
4. Endothelin-1 (ETs)
5. Bradykinin
6. ANP
7. Apelin
8. NPY
9. Bombesin
10. Angiopoietin 4
11. CGRP
12. Gastrin
13. PAMP
14. Urotensin II
15. Leptin
16. Resistin
17. VIP
18. PACAP

### Anti-angiogenesis Peptides

1. Endostatin
2. Somatostatin
3. Adiponectin
4. Natriuretic peptide
5. Ghrelin
6. Vasostatin

### Semi-quantitative Assay Procedure :



Catalog #	Product Name
CVC-KF3-002	Cardiovascular Biomarker Chip (Human)
CVC-KF3-003	Cardiovascular Biomarker Chip (Mouse, Rat)
Services:	Cardiovascular Biomarker Chip Assay
	Custom Fluorescent Scanning and Results Analysis