The Securities and Exchange Commission has not necessarily reviewed the information in this filing and has not determined if it is accurate and complete.

The reader should not assume that the information is accurate and complete.

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 FORM D

Notice of Exempt Offering of Securities

OMB APPROVAL

OMB 3235-Number: 0076

Estimated average

burden

hours per response:

4.00

1. Issuer's Identity

CIK (Filer ID Number)

Previous X None **Names**

Entity Type

0001044378

CALIFORNIA

Name of Issuer

Limited Partnership

X Corporation

BIOCEPT INC

Limited Liability Company

Jurisdiction of

General Partnership

Incorporation/Organization

Business Trust Other (Specify)

Year of Incorporation/Organization

X Over Five Years Ago

Within Last Five Years (Specify Year)

Yet to Be Formed

2. Principal Place of Business and Contact Information

Name of Issuer

BIOCEPT INC

Street Address 1

Street Address 2

5810 NANCY RIDGE DR

City

State/Province/Country

ZIP/PostalCode

Phone Number of Issuer

SAN DIEGO

CA

92121

858-320-8200

3. Related Persons

c/o Biocept, Inc.

Last Name

First Name

Middle Name

Coutts

Stephen

Street Address 1

Street Address 2

5810 Nancy Ridge Drive, Suite 150

City

State/Province/Country

ZIP/PostalCode

San Diego

CA

92121

Relationship: X Executive Officer X Director Promoter

Clarification of Response (if Necessary):

Last Name

First Name

Middle Name

Neff

Edward

Street Address 1

Street Address 2

c/o SMAC Corporation

5807 Van Allen Way

City

State/Province/Country ZIP/PostalCode

Carlsbad

CA

92008

Clarification of Response (if Necessary):

Relationship: Executive Officer X Director Promoter

Last Name First Name Middle Name **Dennis** Edward

Street Address 1 Street Address 2 5810 Nancy Ridge Drive, Suite 150

c/o Biocept, Inc.

State/Province/Country ZIP/PostalCode City

San Diego CA 92121

Relationship: Executive Officer X Director Promoter

Clarification of Response (if Necessary):

Last Name First Name Middle Name

Petree Daniel

> **Street Address 1 Street Address 2**

c/o Biocept, Inc. 5810 Nancy Ridge Drive, Suite 150

> City State/Province/Country ZIP/PostalCode

San Diego CA 92121

Relationship: Executive Officer X Director Promoter

Clarification of Response (if Necessary):

Last Name First Name Middle Name

Reiss Claire

> **Street Address 1 Street Address 2**

c/o Biocept, Inc. 5810 Nancy Ridge Drive, Suite 150

State/Province/Country ZIP/PostalCode City

San Diego CA 92121

Relationship: Executive Officer X Director Promoter

Clarification of Response (if Necessary):

Middle Name Last Name First Name

Wilson Faye

> **Street Address 1 Street Address 2**

c/o Biocept, Inc. 5810 Nancy Ridge Drive, Suite 150

State/Province/Country ZIP/PostalCode City

CA 92121 San Diego

Relationship: Executive Officer X Director Promoter

Clarification of Response (if Necessary):

Last Name First Name Middle Name

Jennifer Crittenden K.

Street Address 1 Street Address 2

c/o Biocept, Inc. 5810 Nancy Ridge Drive, Suite 150

> City State/Province/Country ZIP/PostalCode

92121 CA San Diego

Relationship: X Executive Officer Director Promoter

Clarification of Response (if Necessary):

4. Industry Group

Agriculture Health Care Retailing Banking & Financial Services X Biotechnology

Restaurants Commercial Banking Health Insurance

Technology Insurance

Investing
Investment Banking
Pooled Investment Fund
Is the issuer registered as an investment company under the Investment Company
Act of 1940?

Yes
No

Other Banking & Financial Services

Business Services

Energy

Coal Mining
Electric Utilities
Energy Conservation
Environmental Services

Oil & Gas
Other Energy

Hospitals & Physicians Computers

Pharmaceuticals Telecommunications
Other Health Care Other Technology

Manufacturing Travel

Real Estate Airlines & Airports

Commercial Lodging & Conventions

Construction Tourism & Travel Services

REITS & Finance Other Travel

Residential Other

Other Real Estate

5. Issuer Size

Revenue Range	OR	Aggregate Net Asset Value Range
No Revenues		No Aggregate Net Asset Value
\$1 - \$1,000,000		\$1 - \$5,000,000
\$1,000,001 - \$5,000,000		\$5,000,001 - \$25,000,000
\$5,000,001 - \$25,000,000		\$25,000,001 - \$50,000,000
\$25,000,001 - \$100,000,000		\$50,000,001 - \$100,000,000
Over \$100,000,000		Over \$100,000,000
X Decline to Disclose		Decline to Disclose
Not Applicable		Not Applicable

6. Federal Exemption(s) and Exclusion(s) Claimed (select all that apply)

Rule 504(b)(1) (not (i), (ii) or (iii)) Rule 504 (b)(1)(i) Rule 504 (b)(1)(ii) Rule 504 (b)(1)(iii)	Rule 505 X Rule 506 Securities Act Section 4(5) Investment Company Act Section 3(c)	` '		
	Section 3(c)(1) Section 3(c)(9)			
	Section 3(c)(2) Section 3(c)(10)			
	Section 3(c)(3) Section 3(c)(11)			
	Section 3(c)(4) Section 3(c)(12)			
	Section $3(c)(5)$ Section $3(c)(13)$			
	Section 3(c)(6) Section 3(c)(14)			
	Section 3(c)(7)			

7. Type of Filing

X New Notice Date of First Sale 2010-03-17 First Sale Yet to Occur Amendment

8. Duration of Offering

9. Type(s) of Securities Offered (select all that apply)

X Equity

Debt

Option, Warrant or Other Right to Acquire Another Security Security to be Acquired Upon Exercise of Option, Warrant or

Other Right to Acquire Security

Pooled Investment Fund Interests Tenant-in-Common Securities Mineral Property Securities

Yes X No

Other (describe)

10. Business Combination Transaction

Is this offering being made in connection with a business combination transaction, such as a merger, acquisition or exchange offer?

Clarification of Response (if Necessary):

11. Minimum Investment

Minimum investment accepted from any outside investor \$0 USD

12. Sales Compensation

Recipient

City

Recipient CRD Number X None

(Associated) Broker or Dealer X None

(Associated) Broker or Dealer CRD Number X None

Street Address 1

Street Address 2

State(s) of Solicitation (select all that apply)

All States Check "All States" or check individual States

Foreign/non-US

State/Province/Country

13. Offering and Sales Amounts

Total Offering Amount

\$4,051,494 USD or Indefinite

Total Amount Sold

\$3,600,000 USD

Total Remaining to be Sold \$451,494 USD or Indefinite

Clarification of Response (if Necessary):

14. Investors

Select if securities in the offering have been or may be sold to persons who do not qualify as accredited investors, and enter the number of such non-accredited investors who already have invested in the offering.

Regardless of whether securities in the offering have been or may be sold to persons who do not qualify as accredited investors, enter the total number of investors who already have invested in the offering:

ZIP/Postal Code

15. Sales Commissions & Finder's Fees Expenses

Provide separately the amounts of sales commissions and finders fees expenses, if any. If the amount of an expenditure is not known, provide an estimate and check the box next to the amount.

Sales Commissions \$0 USD **Estimate** Finders' Fees \$0 USD Estimate

Clarification of Response (if Necessary):

16. Use of Proceeds

Provide the amount of the gross proceeds of the offering that has been or is proposed to be used for payments to any of the persons required to be named as executive officers, directors or promoters in response to Item 3 above. If the amount is unknown, provide an estimate and check the box next to the amount.

> \$0 USD Estimate

Clarification of Response (if Necessary):

Signature and Submission

Please verify the information you have entered and review the Terms of Submission below before signing and clicking SUBMIT below to file this notice.

Terms of Submission

In submitting this notice, each issuer named above is:

- Notifying the SEC and/or each State in which this notice is filed of the offering of securities described and undertaking to furnish them, upon written request, in the accordance with applicable law, the information furnished to offerees.*
- Irrevocably appointing each of the Secretary of the SEC and, the Securities Administrator or other legally designated officer of the State in which the issuer maintains its principal place of business and any State in which this notice is filed, as its agents for service of process, and agreeing that these persons may accept service on its behalf, of any notice, process or pleading, and further agreeing that such service may be made by registered or certified mail, in any Federal or state action, administrative proceeding, or arbitration brought against the issuer in any place subject to the jurisdiction of the United States, if the action, proceeding or arbitration (a) arises out of any activity in connection with the offering of securities that is the subject of this notice, and (b) is founded, directly or indirectly, upon the provisions of: (i) the Securities Act of 1933, the Securities Exchange Act of 1934, the Trust Indenture Act of 1939, the Investment Company Act of 1940, or the Investment Advisers Act of 1940, or any rule or regulation under any of these statutes, or (ii) the laws of the State in which the issuer maintains its principal place of business or any State in which this notice is filed.
- Certifying that, if the issuer is claiming a Rule 505 exemption, the issuer is not disqualified from relying on Rule 505 for one of the reasons stated in Rule 505(b)(2)(iii).

Each Issuer identified above has read this notice, knows the contents to be true, and has duly caused this notice to be signed on its behalf by the undersigned duly authorized person.

For signature, type in the signer's name or other letters or characters adopted or authorized as the signer's signature.

Issuer	Signature	Name of Signer	Title	Date
BIOCEPT INC	/s/ Jennifer K. Crittenden	Jennifer K. Crittenden	CFO	2010-03-19

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

* This undertaking does not affect any limits Section 102(a) of the National Securities Markets Improvement Act of 1996 ("NSMIA") [Pub. L. No. 104-290, 110 Stat. 3416 (Oct. 11, 1996)] imposes on the ability of States to require information. As a result, if the securities that are the subject of this Form D are "covered securities" for purposes of NSMIA, whether in all instances or due to the nature of the offering that is the subject of this Form D, States cannot routinely require offering materials under this undertaking or otherwise and can require offering materials only to the extent NSMIA permits them to do so under NSMIA's preservation of their anti-fraud authority.