

California Syphilis Reactor Alert System

FEMALES									
Age	Biological False Positive	Qual. or + Conf. only	Titer						+ Darkfield
			1:1	1:2	1:4	1:8	1:16	≥1:32	
Prenatal (any age)									
0-44									
45-49									
50-59									
60+									
Unknown									

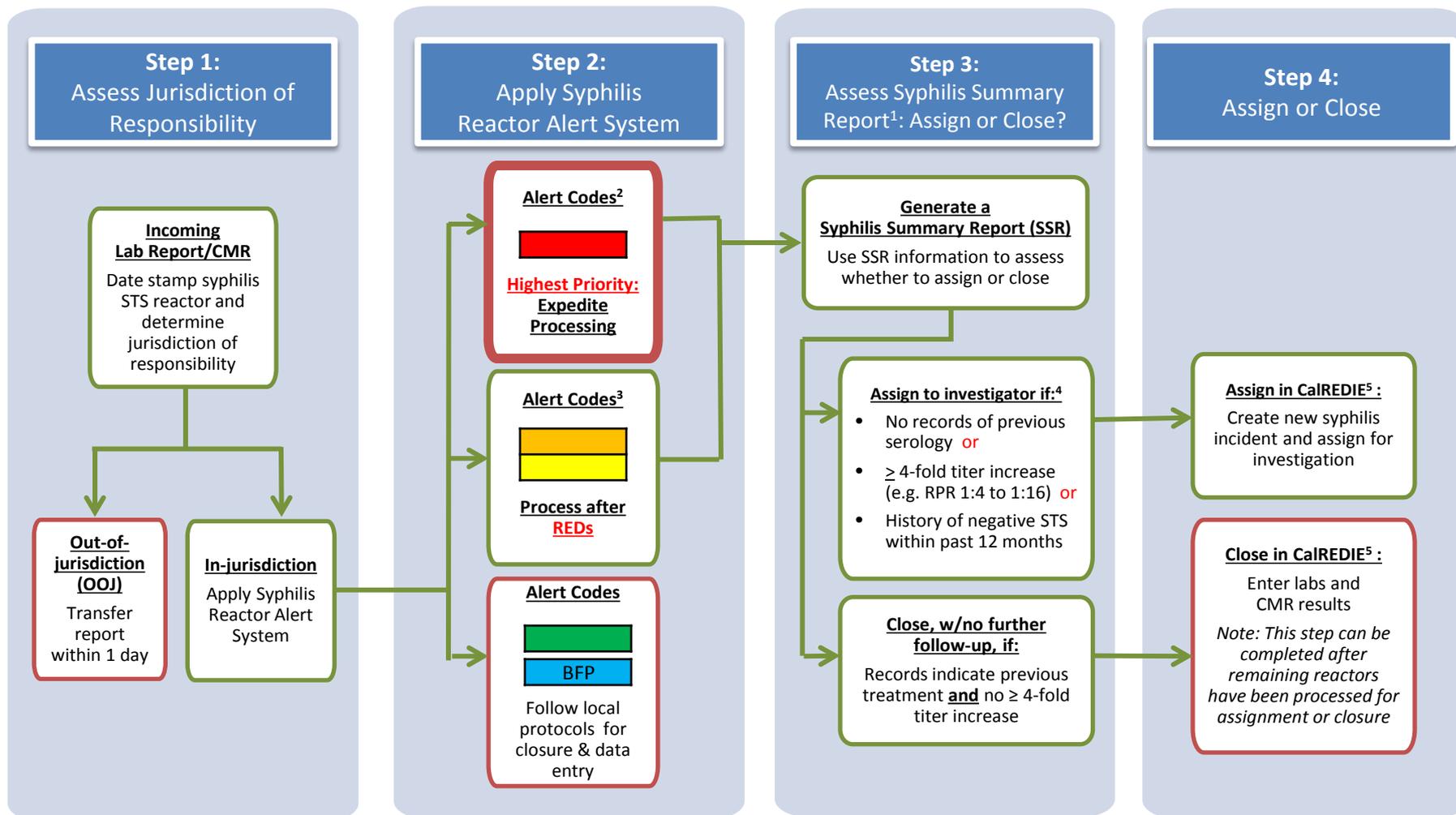
MALES									
Age	Biological False Positive	Qual. or + Conf. only	Titer						+ Darkfield
			1:1	1:2	1:4	1:8	1:16	≥1:32	
0-19									
20-29									
30-39									
40-49									
50-59									
60+									
Unknown									

Alert Code	Is Syphilis History Report necessary?	Action
	YES	If reactor meets Criteria for Assignment*, create new incident in CalREDIE and assign to investigator within 1 working day.
	YES	If reactor meets Criteria for Assignment*, create new incident in CalREDIE and assign to investigator within 2 working days.
	YES	If reactor meets Criteria for Assignment*, more info required to rule out early syphilis infection. Initiate follow-up with provider. Phone call/query letter within 3 working days.
	NO	Administrative closure, based on age and titer.
	NO	Administrative closure, based on a negative treponemal test.

*Criteria for Assignment: 1) No records of previous serology, **OR** 2) ≥ 4-fold titer increase (e.g. RPR 1:4 to 1:16), **OR** 3) history of negative serologic test for syphilis within past 12 months. See Step #3 of the California Syphilis Reactor Processing Algorithm.

ALERT CODE	Former classification	Criteria			Action		
		Sex	Age	Titer ¹	Reactor assignment		Disease Investigation
RED (includes all dark field positive reports)	Priority 1	Female	Pregnant; 0-44 ² ; Unk	Any	Syphilis summary search; if none, assign., f/u with provider, and assess pregnancy status.	Within 1 working day	Collect clinical/lab data, verify treatment, interview case, conduct contact tracing/partner notification
		Male	0-19	Any			
ORANGE	Priority 1	Female	45-59	≥1:16	If no history, assign and f/u w provider for CMR.	Within 2 working days	Determine staging; If early, collect clinical/lab data, verify treatment, interview case, conduct contact tracing/partner notification
		Male	20-29 30-39 40-59 Unk	≥1:4 ≥1:8 ≥1:16 ≥1:8			
YELLOW	Priority 2	Female	45-49 50-59 60 +	1:4, 1:8 1:8 ≥1:32	If no history, assign and f/u w provider for CMR.	Within 3 working days	Determine staging; If early, collect clinical/lab data, verify treatment, interview case, conduct contact tracing and partner notification
		Male	20-29 30-39 40-49 50-59 60 + Unk	≤1:2 1:2,1:4 1:4,1:8 1:8 ≥1:32 ≤1:4			
GREEN	Priority 3	Female	45-49 50-59 60 +	≤1:2 ≤1:4 ≤1:16	Follow local protocols for closure and data entry.	Do not assign	No
		Male	30-39 40-49 50-59 60 +	1:1 ≤1:2 ≤1:4 ≤1:16			
BLUE	Priority 3	Any	Any	BFP ³	Follow local protocols for closure and data entry.	Do not assign	No

Algorithm for Syphilis Reactor Processing



¹Syphilis Summary Reports can be generated in the CalREDIE Data Distribution Portal (https://CalREDIE.cdph.ca.gov/CalREDIE_Export//login.aspx). Contact CalREDIE Help Desk at calrediehelp@cdph.ca.gov to request set-up of log-in account.

²RED alerts should be considered highest priority and expedited for syphilis summary searches and assignment .

³ORANGE and YELLOW alerts should be processed AFTER all RED alerts have been processed for assignment or closure.

⁴Additional criteria may be used for assignment, if local resources permit: History of syphilis infection, but no treatment recorded; High serofast; YELLOW alerts from HIV providers

⁵STD CalREDIE Entry guidance available at: <http://www.cdph.ca.gov/programs/std/Documents/STD-CalREDIE-GUIDANCE-03-Entering-Newly-Reported-Reactors.pdf>